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ABSTRACT

Continuing education activities of the University of British Columbia for the 1982-1983 academic year are reported. Information is provided on: extra-sessional credit programs, guided independent study, the Centre for Continuing Education, the Division of Continuing Education in the Health Sciences, professional programs of the Faculty of Commerce and Business Administration, the professional continuing education program of the School of Social Work, professional continuing education activities of the Faculty of Agricultural Sciences, professional continuing education activities of the Faculty of Education, the Community Sports Services Adult Program of the School of Physical Education and Recreation, exhibits and programs of the Museum of Anthropology, the university's botanical garden, free public lectures and educational offerings, exhibits and public information services, scientific and art exhibits, public concerts and theater performances, meetings of learned and professional societies, province-wide continuing education services, and the university's speakers bureau. A statistical summary of the university's continuing education programs for 1982-1983 is included. (SW)

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Continuing Education Activities of The University of British Columbia 1982-1983

HE 016 954

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CONTINUING EDUCATION ACTIVITIES 1982-83

A REPORT TO THE PRESIDENT

THE SENATE AND

THE BOARD OF GOVERNORS

September 1, 1982 - August 31, 1983

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INTRODUCTION

This is the seventh comprehensive annual report on continuing education activities of The University of British Columbia. The first report, for academic year 1976-77, covered only activities of the five designated units responsible for continuing education. This report, covering the period from September 1, 1982 to August 31, 1983 attempts to cover the much broader scope of continuing education opportunities offered by UBC through many of its faculties, schools and departments.

The provision of continuing education by UBC is decentralized. Several administrative units are responsible for credit and non-credit, general and professional continuing education and professional development.

The major administrative units are the Office of Extra-Sessional Studies, the Centre for Continuing Education, the Division of Continuing Education in the Health Sciences, the Field Development Office of the Faculty of Education, the Professional Programs of the Faculty of Commerce and Business Administration, the Continuing Education Program in Social Work, the Continuing Education, Extension and Communications Division of the Faculty of Agricultural Sciences, and the Forestry Off-Campus Programs.

In addition, other units of the University, among these The Botanical Garden, the Museum of Anthropology, the UBC Research Forest, the Music Department and the Theatre Department provide considerable continuing education opportunities through lectures, demonstrations, exhibits, film showings, concerts, recitals and readings.

Free public seminars and lectures are organized by a number of academic departments and institutes, and public services such as the Hortline are provided to the public. In these ways UBC contributes significantly to the education of adults, the dissemination of knowledge, and the cultural life on the Lower Mainland and further afield.

The University of British Columbia in its mission statement, issued in November 1977, afforded an important place to continuing education. In the statement of its mission, the University included among the four responsibilities "a wide array of programs in continuing education for the general public and for the professions". Further on the University listed among its goals and objectives:

> To expand continuing education programs for the general public and, in cooperation with professional associations, to increase opportunities for continuing education in the professions. The University believes that all such programs are of great importance to the public and the professions.
>
> To continue to render direct service to the public by providing non-University users with access to the Library, the Computing Centre, the Museum of Anthropology, the Botanical Garden, the research forest at Haney and the University's attached facilities. The objective is to provide the general public with opportunities to participate in University programs and to develop active interfaces with the University.

During 1982-83 the services provided by the University to non-metropolitan areas continued to grow, with most of the growth occurring in distance education rather than on-location courses in off-campus locations. The major vehicles for UBC distance education were the correspondence courses offered through Guided Independent Study and courses televised on the Knowledge Network. The Division of Continuing Education in the Health Sciences offered altogether 12 televised professional development courses in Dentistry, Medicine and Nursing, which attracted a total of 825 registrants. The Faculty of Education offered this year two credit courses on the Knowledge Network, and organized four teleconferences for professional development. The Faculty of Forestry continued with credit and non-credit courses offered through Guided Independent Study. Continuing Education in Nutrition and Dietetics, in cooperation with Continuing Pharmacy Education, experimented this year with seminars which used audio teleconferencing.

The overall economic situation in B.C. continued to have its adverse effects on participation in continuing education also in this year. This has hit particularly hard continuing education programs aimed at resource-based industries and the public sector. Registration in professional continuing education offered through the Centre for Continuing Education dropped by 1,524 (12.44%); this is due particularly to fall-off in registrations in Architecture, Engineering and Urban Planning. Continuing education programs in several professional faculties also are down: Commerce and Business Administration by 637 (13.15%), Education down in part-time credit courses 499 (28.38%) and in non-credit professional development 164 (4.78%), while the Faculty of Forestry had to temporarily suspend all its professional development programs except for correspondence courses. In Health Sciences, professional development courses in Pharmacy were down 633 (23.62%) and Rehabilitation Medicine was down 37 (29.84%).

However, there were also some marked gains in some of the professional development program areas in 1982-83. In the Health Sciences, Continuing Dental Education was up 831 (19.56%), Medical Education was up 90 (2.4%), Nursing held its own with an increase of five registrations, and Nutrition and Dietitics was up 74 (24.26%). Continuing education in Social Work was up 103 (11.47%) and in the Faculty of Agricultural Sciences was up 161 (9.77%). In the Centre for Continuing Education, Computer Science, Communications and Instructor's Diploma Program, all experienced increases in registration.

The overall figures for UBC continuing education were 91,073 registrations in 1981-82 and 85,992 registrations in 1982-83, or a drop of 5,081 (5.58%). Credit continuing education was down by 898 (6.1%) and non-credit activities by 4,183 (5.48%). Significantly, participation in non-credit general continuing education in the humanities, sciences and arts, almost held its own in spite of the hard economics times, with a decrease of only 2.24%.

In addition to the official, University sponsored activities, individual faculty members provide a considerable contribution to continuing education in British Columbia through participation in continuing education programs of other institutions as well as through voluntary and professional associations. However, these activities are not reflected in this report.

This report is an attempt to gather information on and to convey the scope of these many varied activities and services through which The University of British Columbia enhances the quality of life in British Columbia. Due to the decentralized nature of much of this, it is very difficult to document adequately the level and breadth of this contribution. It is hoped that both the gathering of information and the reporting will be refined in subsequent annual reports.

EXTRA-SESSIONAL CREDIT PROGRAMS

The Office of Extra-Sessional Studies was established in response to the increasing numbers of students who needed University credit courses but could not attend the regular Winter Session.

The Office is responsible for the coordination and administration of all Extra-Sessional credit courses and programs with the exception of credit correspondence courses which are administered by the Centre for Continuing Education. Courses administered through the Office of Extra-Sessional Studies are given during the late afternoon, evening, weekend, off-campus, Spring Session, Summer Session, and include Directed Study Abroad.

The academic staff of this Office consists of the Director, Dr. Norman Watt, and the Associate Director, Dr. Kenneth Slade. In addition, the Office draws on the services of Coordinators from the Faculties of Arts, Education, and Science, who are appointees of the respective Deans. These Coordinators work closely with the Office in programming courses and serve on the Coordinating Committee. The support staff of the Office consists of the Secretary to the Director, a Coordinator of Publicity and Publications, and two secretaries. The Director reports directly to Vice-President Academic, Dr. Robert H.T. Smith.

The Coordinating Committee on Extra-Sessional Studies was established to advise the Director on long range development, plans, budget, course offerings, student academic loads, and other related matters. The Committee, chaired by the Director, consists of representatives from the Faculties of Arts, Commerce, Education, and Science, the Registrar's Office, Centre for Continuing Education, as well as the three faculty Coordinators, the Office of Extra-Sessional Studies Associate Director, and Publicity Coordinator.

As well as the charges given by the President's Permanent Committee on University Extension and Continuing Education, the Office staff has formulated other specific objectives which are as follows:

1. To establish procedures which will preserve the prerogatives of each faculty with respect to academic requirements for degrees, content of courses, and appointment of lecturers.

2. To encourage faculties and departments to provide programs and courses based on student need.

3. To assist faculties and departments to determine the demand for courses and the most effective way of meeting that demand.

4. To help faculties and departments explore alternative approaches to presenting courses to people who cannot attend campus-based courses.

5. To encourage faculties and departments to develop a one, two, and three-year sequence of extra-sessional courses which enable part-time students to plan their programs with confidence.

6. To assist faculties in making it possible for part-time students to earn degrees, wholly or in part, through part-time studies.

7. To provide effective publications and publicity for programs offered.

Within the constraints of the budget and the often unpredictable student demand for courses, we are working with increasing success toward the achievement of these objectives.

Programs and Directions

1. Completion of Majors by Part-time Study

The increase in the number of part-time students attending Winter Session Evening and Spring Session over the past eight years is evident. In order to make it possible for part-time students to complete degree requirements for a major, it was felt that many more upper division courses needed to be offered. To this end, in 1979, all departments in the Faculties of Science and Arts were asked to determine the feasibility of establishing a three-year sequence of courses (Winter Session Evening and Spring) which would allow completion of a major within that time. The response was gratifying. Eleven subject areas (Anthropology, Asian Studies, English, Fine Arts, French, History, Philosophy, Political Science, Psychology, Sociology, and Mathematics) now provide a sequence of courses sufficient to enable a student to complete a major entirely by attending Winter and Spring Sessions. In Spring 1982, all of the previously named departments started on a second three-year sequence of courses. It must be noted that degree completion by part-time study has been available for a number of years at the undergraduate and graduate levels in the Faculty of Education and in the MBA Program in the Faculty of Commerce and Business Administration.

2. Funding Degree Programs for Part-time Students

In the early 1970s it was apparent that better opportunities for part-time students had to be made available at The University of British Columbia. A Senate Committee on Degree Programs for Part-Time Students, under the chairmanship of Dr. P.H. Pearse, was appointed on September 16, 1970 and reported March 9, 1971. The report recommended that obstacles to part-time study towards degrees be removed, and that institutional, administrative, and curriculum changes be initiated to develop opportunities for part-time students. In response to this latter recommendation, a President's Ad Hoc Committee on the Administration of Credit Courses for Part-Time Study was created, under the chairmanship of Dr. N.S. Watt. In recommending that an Office of Extra-Sessional Studies be created, the committee's report, dated March 28, 1973 further recommended:

> The University should be prepared to include, in estimates for its annual operating budget to the Government, a request for additional funds to support the extended day and year commitment.

3. Deans' Special Audit Status

The deans of several faculties have given permission for a Special Audit Status

student designation, in selected courses to accommodate those people who would be ineligible under normal circumstances to participate in credit courses. It was felt that opening courses in this manner would allow a "new" segment of the community to benefit from a regular university credit course in an area of general interest or of special competency. In addition it was felt that this kind of academic exposure might be the incentive needed by some people to pursue a university education. Unlike credit and regular audit students, who must meet university admission regulations and standards, and whose names are kept on record at UBC, Special Audit Status students do not have to make application to UBC or use the Registrar's registration forms. Special Audit students register through the Office of Extra-Sessional Studies and pay regular course fees. No records are kept nor transcripts issued for these students.

The first course to offer the Dean's Special Audit option was Music 339--Opera Workshop, in the summer of 1980. This course enrolled six Deans' Special Audit students. The following courses have been offered with this option:

1981-82 Winter Session	SA Enrolments
Arte 305	1
Biology 310	3
Civil Engineering 559	3
Music 164 (2 sections)	4
Music 339	2
Music 403	1
1982 Spring Session	
Physical Education 232	4
1982 Summer Session	
Education 390	1
Education 581	1
Education 590	1
Music Education 400 (3 sections)	24
1982-83 Winter Session	
Forestry 470	2
Physical Education 489	4
Music 164	3
1983 Spring Session	
Physical Education 589	3

The Deans' Special Audit category received recognition as a useful administrative idea from the Western Association of Summer Session Administrators when that organization awarded UBC a Creative Programming Award.

4. Part-time Students' Association

The proportion of part-time students to full-time students has been increasing significantly for the past six years. However, the availability of the academic and support services has not kept pace with the increase. In addition, the University Act still does not allow part-time students to serve on Senate or the Board of Governors. The University of Victoria and The University of British

Columbia have gone on record to have the University Act changed, to allow part-time student participation on these governing bodies. One important method of improving this situation would be to have a strong part-time students' organization on campus.

To this end, a statement in the 1983 Extra-Sessional Spring and Summer calendar states the reasons for such an association and gives the name of the acting coordinator of this organization.

5. Calendar Production

The Extra-Sessional Studies calendar production, using UBC's Amdahl computer, has resulted in more accurate publications which have proven to be more efficient.

The 1982-83 Extra-Sessional Studies calendars continued to feature artwork from various departments and administrative offices on campus. The Winter calendar focused on the diverse exhibits in the Museum of Anthropology--the cover featured two views of the exciting carved cedar sculpture entitled "Raven and the First Men" by renowned Haida artist, Bill Reid. The Spring/Summer calendar featured pen and ink drawings from the Davidsonia publication of The Botanical Garden Office; the color cover featured flower slides from their extensive slide library.

We have always been proud to reproduce the artworks from UBC departments, and the cooperation, assistance, and encouragement that we experienced while working with the representatives from the Museum of Anthropology and The Botanical Garden was most welcome.

Both of these calendars are entered into and edited on the Amdahl computer. After the final copy editing by departments and administrative offices, it is converted to magnetic tape which is transferred to an automatic typesetting specialist downtown, Computype Services. They produce the PMT's in a matter of 2-4 days. This method of production has proven to be amazingly cost effective from the technical side: typesetting for the Winter Session 1982-83 calendar cost $2,740.10; the Winter Session 1983-84 calendar cost $1,581.86. Man hours to produce the calendar have been cut by several weeks. We anticipate increased savings when UBC installs its own typesetting machine.

University Advertisements

The major advertising of Extra-Sessional Studies courses occurs twice a year in a full page advertisement in the major Lower Mainland newspapers. Last year, the retrenchment spirit led to asking other campus departments if they would join in the production of a two-page flyer insert, an advertising vehicle which should provide more reader awareness. It has the added benefit of being more economical than individual departmental advertisements of lesser size.

We considered several factors to be of prime importance: to provide a positive public image; to encourage wider participation in advertisements of departmental programs, especially of small departments whose budgets would not otherwise be able to cope; to assist the public in knowing about programs (free and credit) available at UBC.

Providing a positive public image meant producing a polished piece of advertising about which the University community could be proud. To this end, we employed a commercial graphic design artist. To tie in with the desire to publicize free

programs at UBC, we headed the flyer "Its Your University" and tried to diversify, as much as possible, the front page, mixing free programs, sports events, and information about UBC.

The success of the flyers was indicated by the response, through both phone calls and a Request for Information coupon. The returned coupons showed interest in several departments. The Centre for Continuing Education received 626 replies, the Office of Extra-Sessional Studies received 224, and other departments received 39.

It is now clear that there is a need on campus to provide quality advertising at the lowest possible cost. Small departments as well as large ones have benefited from the publicity in this unified effort which we plan to continue.

Winter Session

The number of part-time students registered in the 1982-83 late afternoon and evening Winter Session courses was 3,222. Of this number, 1,801 were taking only evening or late afternoon courses; the remaining 1,421 were taking at least one daytime course. This figure (3,222) represents a decrease of 386 student registrations (-10.7%) over 1981-82, and is the first decrease in part-time student enrolment of any previous Winter Session.

A total of 482 courses beginning after 4:30 p.m. were given through either this Office or as departmental, on-load offerings. These courses enrolled 8,843 students, 5,621 of whom were full-time students, a decrease of 231 over 1981-82. In addition 38 courses were offered by the Faculty of Education's Field Development Office in 25 centres around the province.

Only four of the extra-sessional courses offered on-campus were cancelled. Many courses that enrolled minimal numbers of part-time students were kept on because of the significant number of regular students enrolled. For example, of the 2,503 students enrolled in on-campus extra-sessional courses, 1,207 (48%) were regular daytime students and 1,298 (52%) were part-time students.

It is significant to note that of the total of 234 3-unit equivalent part-of-load courses offered on-campus after 4:30 p.m., 27% were Faculty of Arts courses and 52% were Faculty of Education courses.

The Faculty of Arts enrolled 1,500 students in 900-section (over-load) courses; of these, 705 (47%) were part-time students, and the remainder, 795 (53%), were regular day students. In addition the Faculty enrolled 1,446 students in 001-section (part-of-load) courses. Of this number, 591 (41%) were part-time students and the remainder, 840 (59%), were regular day students. Of the 133 3-unit equivalent courses offered after 4:30 p.m. by the Faculty of Arts, 63 (47%) were 900-sections and 70 (53%) were 001-sections. There were 6.5 3-unit graduate courses offered that enrolled 56 full-time students and 16 part-time students.

The Faculty of Education enrolled 631 students in 900-section on-campus courses; of these, 292 (46%) were part-time students, and the remainder, 339 (54%), were regular day students. In addition the Faculty enrolled 1,241 students in 001-sections. Of this number, 286 (23%) were part-time students and the remainder, 955 (77%), were regular day students.

The Faculty of Commerce and Business Administration offered a total of 17 undergraduate and graduate on-load sections that enrolled 520 full-time students and 8.5 part-time students.

The Faculty of Science offered 2.66 900-section undergraduate courses that enrolled 28.6 full-time and 20.8 part-time students. This Faculty also offered a total of 6.5 undergraduate and graduate on-load courses that enrolled 178 full-time students and 49 part-time students.

Spring Session

The 1983 Spring Session enrolled 3,552 students. This represents a decrease of 48 students (-1.3%) over the 1982 enrolment of 3,600. In the 1983 Spring Session, there were 135.5 on-campus undergraduate sections and 11 graduate sections. Off-campus, there was one graduate course. In all, there were 146.5 sections offered this year as compared to 154 last year. These 146.5 sections represent 116.99 3-unit equivalents. The average enrolment per undergraduate section was 28.61 compared to 29.01 in 1982. The nine graduate courses held enrolled an average of 16.44 students in each section compared to 13.54 students per section in 1982.

In this session, 73.33% of the students had attended the previous Winter Session on a full-time basis, and 9.89% attended part-time. Female students made up 56.98% of this session. Sixty-two percent of the students were between 20 and 29 years of age, and 12.15% were between 30 and 39 years of age.

The Faculty of Arts enrolment increased from 2,208 in 1982 to 2,282 in 1983. The Faculty of Science enrolments have decreased from 364 in 1982 to 223 in 1983. This decrease was largely due to only two sections of Computer Science being offered as opposed to four sections in 1982.

The Faculty of Commerce and Business Administration offered 22 courses in 1983 compared to 19 courses in 1982. However, along with the increase of three courses, enrolment in this Faculty increased from 520 in 1982 to 574 in 1983.

The Faculty of Education offered 23 sections enrolling 340 students, a 27% decrease against 1982.

The session, then, had approximately the same number of students attending, but as the number of courses offered was less by some seven courses, the average class size remained essentially the same.

Additional Statistical Data

Of the 3,552 students attending Spring Session:

56.98% were female

14.49% had signed up for a Summer Session course

6.50% were teachers

74.78% were students

82.97% were from Vancouver

2.99% were not pursuing a degree

27.6% were completing their degree requirements

62.19% were between 20 and 29 years of age

12.15% were between 30 and 39 years of age

73.33% had attended the previous Winter Session full-time

9.89% had attended the previous Winter Session part-time

33.2% stated that Spring Session courses were their favorite type of course

26.59% had no post-degree intentions.

Summer Session

The 64th Summer Session of the University enrolled 4,362 students compared to 4,255 students in 1982. This represents an increase of 107 students (2.5%). Even so, this figure is the highest enrolment since 1971. It is still valid to say that over the past seven years, Summer Session enrolments have become relatively stable.

Of the 4,362 students enrolled in the 1983 Summer Session, 991 students were registered in Arts, 229 in Commerce, 590 in Science, and 1,658 in Education. It is interesting to note that 347 (7.9%) were non-degree students and 30 (.7%) were classified as auditors.

The average enrolment (3-unit equivalents) in 203 sections was 16.88 for an undergraduate course and 9.94 in 50 graduate courses.

In the 1983 Summer Session, 336 sections were offered. This is an increase of 24 sections over the 1982 Summer Session. Twenty-one sections had to be cancelled because of low enrolment or lack of instructor. Most of these cancellations occurred in the Faculties of Arts and Education, and are not out of the ordinary for the average Summer Session.

The Faculty of Education taught 180 sections (117.5 3-unit equivalents) in the 1983 session, compared to 169 courses (125.06 3-unit equivalents) in the previous summer. Included in the 117.5 3-unit equivalents were 69.66 undergraduate courses and 47.5 graduate courses. Twenty courses were cancelled due to low enrolment or lack of instructor. Twelve off-campus courses were taught, enrolling 162 students. These courses were taught by the Department of Industrial Education at UBC's facility in Burnaby.

The Faculty of Arts offered 100 sections (94 3-unit equivalents) in the session, compared to 99 sections (86 3-unit equivalents) in the 1982 Summer Session. Included in the 94 3-unit equivalent sections were 92 undergraduate and two graduate courses. Three courses in the Faculty of Arts were cancelled.

The Faculty of Science offered 27 sections (20.83 3-unit equivalents), and enrolled 981 students (731.15 3-unit equivalent students). No courses were cancelled for this Faculty.

Other Faculties to offer summer courses were: Commerce - 7 courses (177 students) and Medicine - 2 courses (47.5 students) and Forestry - 2 courses (14 students).

Additional Statistical Data

Of the 4,362 students attending Summer Session:

59.99% were female

27.63% were teachers

64.06% were from Vancouver

4.98% were not pursuing a degree

22.76% were completing degrees

50.26% were between 20 and 29 years of age

22.00% were between 30 and 39 years of age

14.04% were under 20 years of age

53.67% had attended the previous Winter Session full-time

9.25% had attended the previous Winter Session part-time

36.46% stated that the summer day courses were their favorite type of course

24.51% stated that they had no post-degree intentions.

Directed Study Abroad

The Office of Extra-Sessional Studies was charged with the responsibility for administration of the Degree Credit Courses Abroad, entitled Directed Study Abroad (DSA), on August 31, 1977. The objectives of the Directed Study Abroad program are to provide students with an academically sound learning experience in a setting which will further enhance the stated objectives of the equivalent credit course offered on campus. Thus Directed Study Abroad credit courses are distinct from non-credit Educational Travel Programs offered by the Centre for Continuing Education.

Two courses were approved by the Extra-Sessional Studies Coordinating Committee for 1983. They were Planning 540, Urban Planning Project which was held in Jerusalem, and a combined Physical Education course, including 488, 499 and 598, emphasizing the study of sports delivery systems in Britain. The Planning course enrolled 21 students and the Physical Education course enrolled five.

EXTRA-SESSIONAL ENROLMENT 1982-83

	Sections	Students
Winter Session	166	3,222
Spring Session	147	3,552
Summer Session	336	4,362
TOTAL EXTRA-SESSIONAL ENROLMENT		11,036*

*In addition to regular credit students there were 12 Dean's Special Audit students registered in 1982-83.

GUIDED INDEPENDENT STUDY

Degree Credit Courses

The major objective for this year was the maintenance of a high level of service to students in correspondence courses despite reduced staff and budgets. Thanks to the talents and commitment of the staff in Guided Independent Study and in the Registrar's Office this objective was achieved. The process of streamlining systems continued and efforts are now being made to further reduce the time spent on record keeping by adapting existing computer programs for records maintained by the division.

As of December 1, 1982 there were 1,478 students on record in Guided Independent Study courses--a slight increase over the previous year. Use of the free student/tutor and student/administration telephone service continued to increase throughout the year. A total of 3,128 calls were placed by or to students during the fiscal year.

Development of new courses was curtailed by reductions in both University appropriation and non-metropolitan grants. Despite these restraints, it was possible to maintain the 40 existing Faculty of Arts courses and begin development of three new courses leading to the Diploma in Adult Education and two new Faculty of Forestry courses. The division's editor/designer was seconded part-time to the Nursing Outreach Program to serve as a team member for the development of a new distance education course to enable Registered Nurses to study for a BSN degree at a distance. As well as helping to balance the budget, this arrangement enabled the editor/designer to acquire valuable new skills in combining print and video components for distance education programs.

In the coming year, the feasibility of producing a UBC Calendar Supplement that lists all UBC distance education courses will be explored. The Directors of Audio-Visual Services and Guided Independent Study are also jointly planning to convene a meeting of people involved in distance education in all UBC Faculties to identify issues of concern and exchange information. These initiatives may well lead to greater coordination of the University's various distance education programs in the future.

Certificate and Diploma Programs

The two remaining certificate programs are both in the process of being phased out and no new students are being admitted. The Certificate Program in Early Childhood Education will be terminated in 1984 and the Criminology Certificate Program in 1986. Of students on record in the Certificate Program in Early Childhood Education, 40 enrolled in Guided Independent Study courses during the year. Two students in the Criminology Certificate Program completed qualifications for the Certificate and three students are currently enrolled in courses leading to the Certificate.

The number of students enrolled in the two Guided Independent Study courses available for credit toward the Diploma in Adult Education increased to 26 from 7 the previous year. One new course in this program is now completed and two more are scheduled for completion in the coming year.

Non-Credit Courses

During the year firm completion dates were established for all non-credit courses. As a result completion rates have improved noticeably.

Freelance Writing continued to be a highly successful course. Despite the need to close the course for four months for revisions, registrations for the year totalled 43.

The Learning Skills Program of three audio-tutorial courses continues to serve the needs of students who wish to upgrade their skills in writing, reading comprehension and library research but are unable to attend on-campus reading and study skills courses. A total of 58 students registered in this program during the year.

A new self-study course for parents and those working with young children is being developed and should be ready for distribution early in the coming year. Entitled Your Growing Child: Contemporary Issues, the course is being designed to assist parents and child-care workers to help young children with various aspects of today's rapidly changing world.

GUIDED INDEPENDENT STUDY REGISTRATIONS 1982-83

Degree Credit Courses		
Faculty of Arts	965	
Faculty of Education	157	
Faculty of Forestry	306	
Faculty of Science	50	
Degree Credit Courses Total		1,478
Certificate and Diploma Credit Courses		40
Non-Credit Courses		141
TOTAL REGISTRATIONS		1,659

CENTRE FOR CONTINUING EDUCATION

The Centre for Continuig Education is responsible for the general non-credit continuing education program on behalf of the University. It also is in charge of the Guided Independent Study program. Several professional faculties and schools exercise their option of organizing their continuing education programs in cooperation with and through the Centre:

FACULTY OF APPLIED SCIENCE

SCHOOL OF ARCHITECTURE

SCHOOL OF COMMUNITY AND RECIONAL PLANNING

SCHOOL OF LIBRARIANSHIP

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

DEPARTMENT OF COMPUTER SCIENCE

Cooperation with the School of Physical Education and Recreation is a new venture instituted in the spring of 1983, with the first prcgrams being offered in the fall of 1983.

The sponsorship of programs for professional librarians, for several years offered jointly with the School of Librarianship, is changing with the recent involvement of the B.C. Library Association which will undertake the organization and sponsorship of these programs, with active participation by the School of Librarianship; the Centre will remain involved in an advisory capacity.

Two units of the University, the BOTANICAL GARDEN and the MUSEUM OF ANTHROPOLOGY, in addition to their other activities reported elsewhere in this report, also offer many continuing education courses for the general public in cooperation with and through the Centre.

Several other academic units of the University cooperate with the Centre in offering part of their continuing education program:

FACULTY OF EDUCATION

FACULTY OF FORESTRY

SCHOOL OF HOME ECONOMICS

In addition to UBC academic units which cooperate with the Centre in providing continuing education programs, the Continuing Legal Education Society of B.C. is an Associated Division of the Centre for Continuing Education and its Executive Director holds an appointment as Honorary Program Director.

Continuing education activities in general non-credit education and in professional continuing education in the above areas are included in this section of the report.

General Overview

The effects of the general deterioration of the economic situation in B.C., which had their adverse impact on Centre programs and on participation last year, continued into this year with even greater force. In 1981-82 the total participation

figure for all Centre activities was 47,386, a drop of 10.64% over 1980-81, the first drop in enrolment in the non-credit program in 15 years. This year the comparative participation figure is 43,671, a further drop of 7.84% over last year. Over the two-year period, the drop in total participation was 9,358 registrations or 17.65%.

Again this year, continuing education in the professions suffered more of a setback than general education, although the drop in registration was not as dramatic as last year when professional continuing education enrolment dropped by 37.99%. This year professional continuing education attracted 10,723 registrations, a drop of 12.44% over last year, and general education programs attracted 20,540 registrations, a drop of 2.24%. Over the two year period, the drop in professional continuing education was 9,029 registrations, or 45.71%, while the drop in general education was 157 registrations, or 0.76%. Thus over the difficult period of the last two years, general education did significantly better than professional continuing education in attracting the scarce disposable income of individuals. With the recent signs of an improving economy the Centre expects an upswing in participation in 1983-84, primarily in the general education area, followed later on in the year by improvement in continuing education in the professions.

The Centre lost this year two of its long-time valued program directors. The sudden and untimely death of Gerald Savory on October 6, 1982 was a blow to the Centre. Mr. Savory was in charge of our Public Affairs Programs as well as of professional continuing education programs for architects and librarians. On June 30, 1983 Sol Kort, who for many years provided imaginative leadership in our Humanities and Sciences Programs, retired. The Centre will miss both colleagues.

Professional Continuing Education

General overview: The economic situation in B.C. had severe adverse affect on some of the professional program areas, while others seem to have been largely unaffected. The two program areas suffering most were our Urban Planning Programs and Continuing Education for Engineers and Architects. Many scheduled courses had to be cancelled and registrations were very low during fall 1982 and into spring of 1983. We have recovered some of the lost ground by adjusting our programming to courses with perceived immediate payoff, by shorter courses and by decentralizing the course locations. On the other hand, Computer Science courses and the Instructor's Diploma Program continued to attract good registration and have grown during the year. Among new ventures the Centre has embarked on are a considerably expanded program in Communications, and a professional development program in Sports and Recreation offered jointly between the Centre and the School of Physical Education and Recreation. Continuing Education for Librarians was phased out by the end of this year as the B.C. Library Association is going to take on this function; the Centre continues in an advisory capacity to the B.C. Library Association and the School of Librarianship. The Vancouver Women's Network, established by the Centre as a pilot project in 1979 came of age in June and separated from the Centre.

Communications Programs: During this year the plan to develop a full complement of courses in the field of communications moved into a second phase. From a small program of nine offerings, mainly to journalists and writers, presented in the autumn of 1982, the area of communications has been redesigned to respond to professional and occupational needs in several inter-related areas: written and oral expression, interpersonal and group relations and organizational development

media and applied technology. Thirty-six communications courses have been arranged for autumn 1983, representing a threefold increase over previous sessions. Plans for 1983-84 include the parallel development of occupational/professional courses and offerings on media and communications for the general public.

Computer Science Programs: Many major developments occurred in this program area in 1982-83. Among the highlights are the following. In the spring of 1983 we acquired a computer lab with 25 state-of-the art microcomputers. This major venture enhanced our capabilities to offer high quality programs, as well as to increase the number of programs offered. The hands-on practical experience made possible by the computer lab is essential for this program area to remain relevant and viable. Our cooperation with the Canadian Society for Industrial and Commercial Security continued and gave UBC a national presence through a highly acclaimed two-day seminar offered in Calgary and Toronto this year and to be repeated in Montreal in the coming year. Other major cooperative ventures in computer science programs were instituted with Continuing Medical Education and the Continuing Legal Education Society. "Digicon '83: International Conference on the Digital Arts", held in August 1983, undoubtedly was the highlight of this year. The conference, which brought together in Vancouver artists and computer specialists from around the world and which included several world premieres, examined the potential and pitfalls of computer technology in the arts.

Engineering/Architects Continuing Education Programs: After Gerald Savory's death, Duff Macdonell, who is in charge of programs for engineers, undertook to combine programming for engineers and architects. The recession has had a major impact on continuing education activity levels in the engineering and architectural professions, as training funds invariably are the first casualty in budget cutbacks. This situation has forced more emphasis to be placed on planning courses where an immediate 'pay-back' is more evident to employers or individual professionals. One example of an engineering course offering to meet this requirement was "Arctic Engineering", which qualified Canadian Professional Engineers to practice in the State of Alaska. Similarly, our "Certified Professional (Pilot) Program" for the City of Vancouver has qualified the first group of architects (and structural engineers) to process plans as conforming to the National Building Code of Canada. This program will now be scheduled on a continuing basis. Faculty of Applied Science and Faculty of Graduate Studies' approval for television delivery of graduate level credit courses was received in March, 1983 and work is continuing to implement this essential capability.

Instructor's Diploma Program: 1982-83 was another busy year for the Instructor's Diploma Program. Enrolment continued to increase with 75% of participants coming from colleges and institutes, 10% from private career training firms, 7% from school districts and continuing education divisions, and 8% from federal and provincial government agencies. Among the highlights of the year was a new policy instituted by the Ministry of Labour to provide financial assistance to private career instructors interested in participating in the I.D. Program. With support from the Ministry of Education a major revision to the I.D. courses began in the spring of 1983. To date three of the courses have been redesigned and the prototypes will be field tested in the new year. Plans include reorganizing the sequence of the courses, updating the content to reflect new training initiatives in B.C. and revising the evaluation procedures. The arrival in April 1982 of the first of two groups of 19 Zimbabweans for an eight-month instructor training program sponsored by World University Services of Canada marked a beginning of international ventures in this area. This long term international project will continue until 1985.

Continuing Education for Librarians: The role of the Centre in offering professional development courses for librarians changed in 1982-83. The School of Librarianship, under the direction of Basil Stuart-Stubbs, entered into a professional development accord with the B.C. Library Association. The Centre worked in liaison with these two bodies, and with the new appointed Coordinator of Professional Development courses, in conducting two well attended programs, while phasing out our direct administrative involvement in this field.

Retirement Planning: Although the number of programs was reduced due to the economic situation, the Centre was able to provide several large organizations with two-day retirement planning seminars. This year, for the first time, an emphasis was placed on meeting needs of those undergoing forced early retirement. Since the number of voluntary early retirements has increased, we are seeing a younger clientele in our programs. Several programs were conducted in other parts of the province, where limited resources in smaller towns make the informational seminar especially valuable to those approaching retirement. The program area also conducted several training sessions for those involved in working with pre-retirees in a personnel, human resources or benefits context. Plans for the future include a continuation of our program offerings, with on-going adaptation to the changing needs of older workers and their administrators.

Urban Planning Programs: 1982-83 has been a year of severe cutbacks in municipal government. Most municipal planners who were accustomed to having their way paid to courses by their governments found that they were unable to attend. We decided to meet the challenge of lower or non-existent educational budgets by shifting our own emphasis. We were successful in attracting a very good enrolment to our winter and spring programs after a quiet fall. During the winter and spring we focused on shorter courses in order to reduce the cost and time away from the office for participants. We have also taken our courses on the road. We offered courses in Prince George, Kelowna, Campbell River, Nanaimo and Terrace this year. With reduced travel budgets for municipalities, this proved very successful. During the winter, while we offered a variety of courses outside the Lower Mainland, we managed to keep a high profile on the Lower Mainland through the Faculty Club discussion dinner series. In addition, our "Planning Theory Guided Readings" correspondence course continued to attract registrants over the winter.

Women in Management and Career Development Programs: The disengagement of the Vancouver Women's Network from the program area was the significant event of the past year. The Women in Management programs were well received by a career-directed client population of women generally employed in the area of business, management and the professions. Although the Network is no longer a direct client base for our program area, we have every intention of maintaining a strong presence among Network members. The publication of the book Women's Networks in Canada brought a gratifying response from across the country. The CAAE and ICEA survey of adult learning needs (The Adult's Point of View, October 1982) records that the primary reason adults take courses is "...to increase income or to improve employment prospects". Attendance at certain of our career development courses, i.e. "Freelance Consulting", "Recycling Teachers", "Import Export" etc., would appear to support this statement.

General Education Programs

Botanical Garden Public Courses: The Centre, in close cooperation with the UBC Botanical Garden, continued to offer the popular and successful courses on gardening. Twenty five courses offered in 1982-83 attracted 456 participants.

Creative Arts Programs: We offered the usual broad spectrum of artistic disciplines, presenting courses in calligraphy, dance and movement, design drawing, fabric arts, glassblowing, graphics, jewellery, metalwork, music, painting, papermaking, photography, printmaking, sculpture and theatre. These were in studio format or appreciation format. Among the new techniques in which instruction was offered was Katazome, the Japanese paste resist method of fabric printing. New courses on posters and scenery painting were warmly welcomed. Old favorites such as weaving and photography continued to attract full classes. The lecture series on "The European Era" was particularly well received. A major focus for the coming year will be a renewed effort at collaboration with consulates in Vancouver to initiate programs like the Mexico-Canada Sculpture Exchange program originated by the Centre. A program has been arranged to include Sadler's Wells Royal Ballet; other programs in the planning stage deal with a chamber music ensemble from Switzerland and an award-winning Australian playwright. While doing all we can to promote Canadian and, in particular, Vancouver talent, we feel that in the arts it is of paramount importance that both artists and connoisseurs have the opportunity of learning what is happening elsewhere in the world.

Daytime Programs: This year, as in the past, we concentrated on bringing our daytime audience a balance of programs in the arts and humanities, using UBC faculty whenever possible. The vast majority of our programs met in the downtown area--Robson Square Media Centre being the most popular location--and our audiences frequently expressed appreciation for this convenience. History and literature courses continued to be popular. A music study group met weekly throughout the year, and this course was so popular that a second section was filled; another music course at the noon hour filled to overflowing. We added astronomy to our offerings this year (2 courses), to enthusiastic response. On the other hand, some courses which have traditionally drawn large numbers showed a noticeable decline: art studio courses and nutrition are the prime examples. Two free noon hour series drew very large and enthusiastic attendance: "An Age of Shocks" (about 19th Century thinkers) and "Medicine: Six Lectures on the State of the Art". This summer we offered three science courses for 10-12 year old children (geology, chemistry and astronomy), and 15 sections of computer science for groups of 10-12 year olds and 13-16 year olds, using the Centre's new microcomputer lab. These were successful both in terms of content and response.

Educational Travel and Field Study: The educational travel programs and field study tours continued to attract participants in spite of the economic situation. Eight programs held overseas enrolled 119 participants. Five of these programs were of general interest, while three of the programs were aimed at educators and dealt with educational and cultural systems. The countries covered by these programs were England, France, Greece, Hungary, Scotland, Ukraine and Yugoslavia. Field study tours conducted in North America included the successful annual "Queen Charlotte Islands Field Study Cruise", "Art Tour of New York" and "Oregon Shakespeare Festival Tour".

Energy Conservation Programs: Public programming in the area of energy conservation continued, with the following courses: "Self Help Housing", "Solar Heating", "Solar Greenhouses", "Urban Agriculture", and "Affordable Housing", although registrations were lower due to the general economic situation.

Humanities and Sciences Programs: The major highlight of this past year was a seven-part series dealing with an examination of the roots of wisdom, "Exploring the Roots of Wisdom" and "Further Reflections on the Roots of Wisdom". It was essentially an attempt to begin to create a fresh conceptual framework around the

idea of spirituality. The program involved two local faculty members and three distinguished visiting speakers in a series of lecture-discussions and symposia which drew over a thousand registrations. The local principals were Dr. Michael Ovenden (astronomy) and Prof. William Nicholls (religious studies) of UBC, and the visiting speakers were Dr. Jacob Needleman (philosophy), Dr. William Irwin Thompson (cultural history) and Dr. Huston Smith (religious studies). Other highlights of the year included a highly successful weekend involving a reading by and a workshop with the noted American poet Robert Bly, who is currently spearheading a North American renaissance in the art of storytelling. Among the remaining highlights were a sellout evening lecture-demonstration-discussion by the well known family therapist and writer Virginia Satir "Through the Family and Beyond" and a thought-provoking weekend lecture and workshop presented by Jonathan Kozol, teacher, writer and educational critic, "Can Public Schools Create a Compassionate Society?" Sol Kort, Program Director of this program area, retired on June 30 and Beth Bosshard joined us on July 1 to continue this important part of our program.

Language Programs: Our programs in English for foreigners continue to attract good enrolment in intensive language training courses of six weeks to six months. In addition to individuals from Asia, Europe and Latin America who come to our public courses, we have continued to provide intensive language training to electronics engineering students from Osaka to professional groups and to vocational instructor trainees from Zimbabwe. The Secretary of State Summer Language Bursary programs in English and French again were very successful, but we experienced a drop in our public French Summer Intensive Program. Enrolment in Spanish remained steady, while Japanese courses have shown surprising steady growth. We have also continued our successful long standing exchange program with the University of Montreal.

Older Workers and Future of Work Programs: The Centre has been engaged for many years in pre-retirement programs. Out of this area grew an awareness of the need for programs dealing with the social and economic issues of the place of older workers in our economy. Similarly, with the changing economic situation in North America and the technological changes being rapidly introduced in our society, we need to re-examine the nature of and our understanding of 'work'. The Centre has been exploring programming needs in these areas and is going to launch major programs in the coming year.

Reading, Writing and Study Skills Centre: We continued to serve UBC students and others who wanted to improve their learning and communication skills. In addition to open public classes, we organized a special in-house course for the B.C. Central Credit Union. Janet Alexander, Assistant Director of the Reading, Writing and Study Skills Centre, was appointed Director on July 1.

Social Sciences Programs: The most striking feature of this year was the unusually high proportion of cancelled courses, due mostly to insufficient registration. The cancelled courses included not only new, innovative programs like "Sports in Society" and "Tourism: Blessing or Blight", but also some previously popular programs such as "Archaeology of Ozette". There is no discernible pattern to the program failure. There was a decided upward swing in registration during the winter-spring period. This upward swing continued during the summer with most of the courses offered reaching capacity registration, including the "Archaeology Tour of Vancouver" and the "Mystery Petroglyph Tour". There seems to be much interest on the part of our clientele in day trips and excursions during the summer months, and this will be followed up in future planning. Following the

untimely death of Gerald Savory, both the "International Scene" and the Genealogy courses which he conducted were incorporated into the Social Science Programs. Response to the "International Scene" courses since that time has been more than adequate, while genealogy courses have experienced steady expansion in interest.

Summer Programs: Summer 1983 marked the fourth year in our concentrated effort to build up again a summer audience, attracted by programs suitable for the time of the year and by the unique UBC setting. While some of the summer programs were very successful, such as computer and the science programs for young people, programs in creative arts and some of The Botanical Garden Programs, other programs such as the week-long series on the UBC Botanical Garden and marine studies field trips had to be cancelled. In spite of budget cuts we were able to continue the annual Summer Program for Retired People, albeit on a very much reduced scale. A grant from the Senior's Lottery Association will keep this program operating and even expand again in 1984, and we are making every effort to find continuing funding for this highly popular program.

Women's Resources Centre: September 1983 will mark ten years since the establishment of the Women's Resources Centre at UBC on the initiative of Pat Thom, then Director of Daytime Programs. The WRC has grown under the able leadership of Pat Thom, Anne Ironside, Eileen Hendry and Ruth Sigal to become a model for women access centres, recognized widely in British Columbia, North America and overseas. Today WRC occupies office and meeting space downtown on Robson Street, and its services are used by some 11,000-12,000 women each year. During its ten years WRC served in excess of 70,000 women through peer counselling for life planning, job search, vocational and career planning and educational brokering. This would not have been possible without the work of 40 volunteer associates who contributed in excess of 6,000 working hours in this year alone. In addition to the very successful ongoing individual core services and programs such as "Strategies for Job Search", "Life Planning", and "Decision Making", WRC this year developed new programs dealing with communications, stress management and women in mid-life. Effective April 1, Anne Ironside, Director of the Women's Resources Centre replaced Gerald Savory as Director of reorganized Public Affairs Programs which will focus on citizenship education and public policy programs and which will include health promotion and women's issues. Ruth Sigal, Coordinator of Volunteers and Assistant Director of WRC was appointed Director on April 1.

Serving the Province

The Vernon based Interior Program faced the economic challenge by changing its operation from relying solely on UBC faculty to staff its programs, to a mixture of UBC staffed and locally staffed programs, maximizing the expertise available in the Okanagan. Thirty-three programs attracted 1,168 participants this year. The Director of the program, John Edwards, was the originator of a successful, innovative idea, "Celebrating Summer '83" in Vernon, bringing together all local educational institutions and many community groups, offering over 60 educational, cultural and recreational events during the week of July 23-August 1. Urban Planning Programs offered seven programs located throughout B.C. and serving altogether 121 municipal and regional planners. Guided Independent Study enrolment increased slightly from 1,457 to 1,478 students. Use of the free student/tutor and student/administration telephone service continued to increase and forms an important link between the isolated student and the University. The Instructor's Diploma Program continued to serve vocational instructors throughout British Columbia.

Curriculum Development

The Centre continued in curriculum development. In addition to credit courses developed by Guided Independent Study in close cooperation with academic departments, several program areas developed manuals and textbooks.

The Instructor's Diploma Program division developed three course manuals: Basic Elements of Instruction, Evaluation of Learning and Instruction, and Using Instructional Techniques.

The Language Institute developed two textbooks with audio cassettes Let's Speak Japanese (Level IV) and Spanish for Adults.

Pre-Retirement Programs developed a manual Retirement Planning: A Five-part Evening Course for Community Colleges and School Districts.

Professional and Community Service

Professional staff provided public service by serving as officers of professional and community organizations and by providing free consultation to numerous community groups. The following are selected examples of this service:

Vince Battistelli continued to serve as Chairman of the Education Information Centre Consortium of the Lower Mainland, as member of the board of directors of World Literacy of Canada.

Janet Fraser served on the Executive of the Management Committee of Immigrant Resources Project, an outreach project for immigrant women and preschool children.

Robin Fried served as Associate Director of TEAM B.C. and as Vice Chair, Vancouver Regional Group, Institute of Public Administration.

Anne Ironside was elected President of the Canadian Association for Adult Education and continued to serve as Chairperson of the CAAE Committee on Learning and Corrections and as member of the board of The Vanier Institute of the Family.

Jindra Kulich continued to serve on the editorial board of Convergence, journal of the International Council for Adult Education, as well as book review editor for Learning and Lifelong Learning: The Adult Years. He was also appointed to the Publications Committee of the American Association for Adult and Continuing Education.

Duff Macdonell was appointed member of Continuing Education Committee of the Architectural Institute of British Columbia, and continued to serve as member of Professional Development Committee of the Association of Professional Engineers of British Columbia.

Sandy McGechaen was consultant to the Pacific Vocational Institute on implementation strategy and training needs for the new B.C. vocational training program TRAC.

Phil Moir served on the B.C. Library Association Committee on Continuing Education.

Gail Riddell continued as B.C. representative on the board of directors of the Canadian Association of Pre-Retirement Planners.

Hank Rosenthal continued as member of the Executive Council, Vancouver Branch, United Nations Association in Canada, and as member of Development Education Committee, United Nations Association in Canada.

Ruth Sigal was appointed Executive Committee member, Private Practice Committee for Social Workers and continued as Executive Board member, Vancouver Immigrant Services Society and as Program Committee member for Family Services of Greater Vancouver.

CENTRE FOR CONTINUING EDUCATION

STATISTICAL SUMMARY OF PARTICIPANTS IN 1982-83

(Program Area and Type)

GUIDED INDEPENDENT STUDY	
Credit courses	1,478
Certificate and Diploma Credit courses	40
Non-Credit courses	141
GENERAL EDUCATION PROGRAMS	
Lecture series	9,226
Single lectures	8,531
Short courses	2,495
Field trips	162
Educational travel	126
PROFESSIONAL AND TECHNICAL PROGRAMS	
Lecture series	1,288
Single lectures	666
Short courses	8,762
Field trips	7
WOMEN'S RESOURCES CENTRE	
DROP-IN AND PHONE-IN COUNSELLING	10,223
WOMEN IN MANAGEMENT	
Women's Network memberships	526
TOTAL REGISTRATIONS	43,671

CENTRE FOR CONTINUING EDUCATION

STATISTICAL SUMMARY OF PARTICIPANTS 1982-83

(Location of Programs)

GUIDED INDEPENDENT STUDY	1,659
GENERAL EDUCATION PROGRAMS	
UBC	12,661
Greater Vancouver	6,405
Province-wide	1,186
Field trips	162
Educational travel	126
PROFESSIONAL AND TECHNICAL PROGRAMS	
UBC	3,354
Greater Vancouver	5,938
Province-wide	1,424
Field trips	7
WOMEN'S RESOURCES CENTRE	
DROP-IN AND PHONE-IN COUNSELLING	10,223
WOMEN IN MANAGEMENT	
Women's Network memberships	526
TOTAL REGISTRATIONS	43,671

CENTRE FOR CONTINUING EDUCATION

PROFESSIONAL STAFF

Director's Office

Jindra Kulich	Director
Vince Battistelli	Associate Director-Program Coordination
Kenneth Langland	Assistant Director-Administration
Genia Kaye	Administrative Assistant to the Director

Directors of Program Areas

COMPUTER SCIENCE
Jane Hutton

CREATIVE ARTS
Sheila Maxwell

DAYTIME
Marcie Powell

EDUCATIONAL TRAVEL AND OVERSEAS PROGRAMS
MaryFrank Macfarlane

GUIDED INDEPENDENT STUDY
Audrey L. Campbell

CE IN HOME ECONOMICS
Marcie Powell

HUMANITIES AND SCIENCES
Sol Kort (retired June 30, 1983)
Beth Bosshard (from July 1, 1983)

INSTRUCTOR'S DIPLOMA PROGRAM
Sandy McGechaen
Nigel Macklin

INTERIOR PROGRAM
John G. Edwards

LANGUAGE INSTITUTE/INSTITUT DES LANGUES/ENGLISH DIVISION
Donald S. Mosedale

LANGUAGE INSTITUTE/INSTITUT DES LANGUES/FRENCH & MODERN LANGUAGES
David Browne (on leave 1983)
Francis Andrew (Acting Dir. 1983)

OFF-CAMPUS & CONTINUING ENGINEERING EDUCATION; CE FOR ARCHITECTS
A.L. Duff Macdonell

PUBLIC AFFAIRS
Gerald Savory (deceased Oct. 6, 1982)
Anne Ironside (from April 1, 1983)

READING, WRITING & STUDY SKILLS CENTRE
Donald S. Mosedale (to June 30, 1983)
Janet Alexander

RETIREMENT EDUCATION
Gail Riddell

SOCIAL SCIENCES
Henry M. Rosenthal

SUMMER PROGRAMS & SPECIAL PROJECTS; LIBRARIANSHIP; COMMUNICATIONS
Philip E. Moir

URBAN PLANNING & CONSERVER SOCIETY
Robin S. Fried

WOMEN IN MANAGEMENT AND CAREER DEVELOPMENT
Janet Fraser

WOMEN'S RESOURCES CENTRE AND LIFE STYLES
Anne Ironside (to March 31, 1983)
Ruth Sigal

EDUCATION OF YOUNG CHILDREN
Donald S. Mosedale

Associated Program Division:

CONTINUING LEGAL EDUCATION
Jack Huberman

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

Continuing Education in the Health Sciences is one of six divisions responsible to the Coordinator of Health Sciences. Located on the first floor of The Mr. and Mrs. P.A. Woodward Instructional Resources Centre, it is made up of the following:

Continuing Education in Audiology and Speech Sciences
Continuing Dental Education
Continuing Education in Human Nutrition and Dietetics
Continuing Medical Education
Continuing Nursing Education
Continuing Education in the Pharmaceutical Sciences
Continuing Education in Rehabilitation Medicine

During 1982-83, Continuing Education in Audiology and Speech Sciences became a welcome addition to the group.

Objectives

The objectives of the Division of Continuing Education in the Health Sciences are:

1. To assist the Faculties and Schools of the health sciences in their programs of continuing education by providing services including needs identification, program development, evaluation and administrative support services.

2. To initiate and support new teaching methods that facilitate and stimulate learning among members of two or more health professions.

3. To offer educational opportunities to assist in the planning and conducting of continuing health education programs.

4. To encourage and assist health professionals in the community to initiate their own continuing education activities and to provide them with faculty support when requested.

5. To offer consultative services regarding continuing education for health professionals.

6. To establish liaison with other groups providing continuing education programs in order to facilitate cooperative programming and coordination of continuing education activities throughout the province.

7. To initiate and support research activities pertinent to the development of continuing education in the health sciences.

8. To encourage and participate in the development of health education programs for the public.

Progress Toward Achieving Objectives

During the academic year 1982-83, the program Directors, educational support staff, and administrative personnel met regularly, usually on a bi-weekly basis, as the Division's Executive Committee. Progress of each Division was reported and policies, objectives, and future directions were reviewed. In addition, the Directors met with their individual advisory committees and assisted with the planning of interprofessional offerings.

1982-83 was a very active and highly successful year in which a total of 311 learning events and activities provided educational opportunities and services to 14,079 participants. Progress towards meeting the Division's objectives with emphasis on innovative achievements is reported in detail in the following sections.

To Assist the Faculties and Schools of the Health Sciences in Their Programs of Continuing Education

Continuing Education in Audiology and Speech Sciences

Courses (On-campus): The newly established Division of Continuing Education in Audiology and Speech Sciences offered one very successful on-campus course attended by 83 registrants.

Total Participation in Continuing Education in Audiology and Speech Sciences: This new Division attracted 83 participants in its first year of operation.

Continuing Dental Education

Regional Coordinators: An annual training session for regional coordinators was attended by nine dentists from non-metropolitan communities in July. The Regional Coordinators Network now consists of nine dentists. The Regional Coordinators planned 40 courses attended by a total of 1,461 participants during 1982-83.

Courses (On-campus): The Division of Continuing Dental Education offered 34 on-campus courses attended by a total of 3,209 dentists, dental hygienists, certified dental assistants and others.

Courses (Off-campus): One off-campus course was attended by 158 participants.

Evening Lecture Series: A series of four 2.5 hour evening lectures for dental hygienists continued to be extremely successful, attracting a total of 104 registrants.

Orthodontic Module: A concentrated 40-hour program to prepare Certified Dental Assistants and Registered Dental Hygienists to work as assistants to orthodontists was offered over five consecutive eight-hour days and was attended by 40 registrants.

Satellite Programs: Eight programs totalling ten hours were offered via the Knowledge Network's satellite system to dentists and dental hygienists in small communities throughout B.C. A total of 523 dental professionals registered for these programs.

Independent Study: A series of 18 high quality videotapes has been purchased to allow British Columbia dentists to use this medium for self-directed continuing education. A total of 66 dentists participated in this activity during 1982-83.

Study Clubs: Continuing Dental Education provided facilities and services to 120 members of ten study clubs. These study clubs provide individualized and small group instruction in theory and clinical skills in specialized areas of dental practice.

Total Participation in Continuing Dental Education: A total of 5,690 registrants participated in 108 Continuing Dental Education learning events during 1982-83.

Continuing Medical Education

Lecture Series: The Wednesday evening lecture series begun in 1979 was again offered between October 1982 and May 1983. A total of 167 physicians attended 29 two-hour lectures.

Satellite Programs: The Division of Continuing Medical Education offered two televised programs to British Columbia physicians via the Knowledge Network's satellite system: "Dermatology" and "Therapeutics Update". These programs attracted a total of 172 registrants.

Courses (On-campus): A total of 22 on-campus courses were offered to 2,612 registrants.

Courses (Off-campus): Three programs, "Sports Medicine", "Operative Arthroscopy", and "Practical Radiology" were held in Whistler, and attracted a total of 237 registrants.

Portable Courses: These one-day courses are offered on request to physicians in non-metropolitan communities. A total of 15 such courses were offered to 378 participants on nine topics during 1982-83.

Community Hospitals: 269 participants registered for a total of 17 community hospital courses held throughout the province in 1982-83.

Total Participation in Continuing Medical Education: A total of 3,835 registrants participated in 60 Continuing Medical Education learning events during 1982-83.

Continuing Nursing Education

Post Basic/Post Graduate Nursing Programs:

(i) Post-Graduate Program in Critical Care Nursing:
Level I: Presented a second 'Hospital-Implemented' program in Duncan, B.C. with the instructors and preceptors prepared in 1981. Minimal consultative and evaluative services for the Duncan's Critical Care staff were required.

A new model for presenting this program for employed nurses in the non-metropolitan regions of the province was developed and was implemented in the Okanagan region. The pilot project started with the Independent Study Phase in January, 1983 with 24 nurses enrolled: 10 from Kelowna, 11 from Vernon and 3 from Penticton. The theoretical content and clinical

experience is offered within the region in blocks of 5-6 days every three months starting in February and ending in October, 1983. The Critical Care Nursing faculty from the Division teach the class content and provide consultation to the regional preceptors during the clinical phase.

The second annual Vancouver-based five-week program was offered in January, 1983 with a full enrolment of 16 nurses--all from outside the Vancouver area, e.g., Tofino, 100-Mile House, Vanderhoof and Crofton. Nurses from small hospitals in the Interior have already started enrolling in the January, 1984 program.

The part-time Level I program for employed nurses in the Vancouver area continues to be fully subscribed for both the Tuesday and Thursday evening sessions. There was a total of 315 enrolments in the 12 courses; some students were enrolled in each of them. The 1983-84 program has now started with 45 nurses enrolled in the first course.

All Level I modules were revised this year and the program extended to eight weeks, based on student, faculty and hospital supervisors' evaluations and suggestions.

Level II: The second program was presented from November 29, 1982 to June 3, 1983 with eight students, four from the Lower Mainland and four from non-metropolitan areas. The Post-Anaesthesia Recovery subspecialty has been added to the program.

Funding for the full-time programs for non-metropolitan based nurses has been provided through student fees and a grant of $160,000 which was obtained from the Universities Council of British Columbia, Interior Programs Fund. The part-time program is completely supported by student fees.

(ii) Post-Graduate Nursing Program in Hospital Infection Control:
The second program was implemented from September, 1982 through May, 1983. The Independent Study, Field Work, and Research Study portions were able to be completed in the participants' home setting. Attendance in class was limited to three weeks, one week each in October, January and May. There were 15 participants enrolled: 5 from Lower Mainland, 5 from Interior, B.C. and 5 from other provinces (Alberta (3), Manitoba (1), and Saskatchewan (1)). The program is gaining a wide reputation as being the only one to prepare Infection Control Practitioners in western Canada.

Funding was provided through student fees and a grant from the British Columbia Lung Association.

North American certification is now available. Two of our graduates are writing the certification examination in the fall, 1983.

(iii) Post-Graduate Nursing Program in Long Term Continuing Care:
The revised program started in October, 1982 and will be completed in late September, 1983. In response to suggestions from the Registered Nurses Association of British Columbia's Committee on Program Approval and program evaluations from students and faculty, the program was expanded to include a Management/Leadership Practicum.

All graduates of the 1981-82 program were invited to return to complete this added practicum and all have enrolled. There are currently 21 participants completing this last phase of the 1982-83 program. Program approval from the Registered Nurses Association of British Columbia has been requested for the revised expanded program. The program is scheduled for review on August 16, 1983.

This program is supported entirely by student fees expect for a small grant from the British Columbia Lung Association.

(iv) Post-Graduate Program in Clinical Psychiatric Nursing:
The pilot project was implemented starting on February 21, 1983 with a full complement of participants (12). It will continue until November 21-23, 1983. The students completed the Independent Study phase and Home-based Preceptorship in their home setting. Their attendance in class and clinical placement at UBC is required only for a period of four weeks.

This program will also be considered by the R.N.A.B.C. on August 16, 1983 for program approval.

The program is financed completely through payment of student fees.

Distance Education:

Post-basic programs: These programs have been designed to provide access for registered nurses throughout the province. As previously described the time required for on-campus attendance is kept to a minimum. The efficiency of this format is evidenced by the fact that over 50% of our registrants for post-basic programs reside outside the Greater Vancouver region.

Satellite telecourses: Two nursing programs were offered over the communication Anik-B Satellite this year.

The first course was in "Respiratory Nursing" and was offered in six sessions, November-December, 1982 to three separate cohorts to determine the most cost effective way to provide these programs. The first cohort consisted of nurses located in two sites--Prince Rupert and Kamloops. At each of these sites, the Division employed a clinical instructor/coordinator. The second consisted of four groups of six or more at different sites in British Columbia under the guidance of a volunteer senior nurse mentor, identified and selected by each group. The third cohort consisted of nurses taking the program individually. These nurses had to seek their own mentors. The data are not tabulated yet, but it appears as though cohorts 1 and 2 met the course objectives almost equally as well while cohort 3 experienced a great deal of difficulty and many of the nurses were not successful.

The second course was one on "Stress and Burnout" and was offered in six sessions during April and May, 1983. This was an experiential course and required the involvement of the participants while they watched the program. Although the evaluations which we received were extremely favorable, not many were returned. This was partially due to the limited enrolment of 40. Many nurses did not register for the course although they did watch it at home.

Courses (On-campus): A total of 39 on-campus courses were attended by 925 participants.

Courses (Off-campus): A total of eight learning events were held outside the Lower Mainland, for 138 participants.

Satellite Courses: Two courses of six sessions each provided 18 hours of instruction for 130 participants.

Total Participation in Continuing Nursing Education: A total of 1,193 students registered in 49 learning events offered by Continuing Nursing Education during 1982-83.

Continuing Education in Nutrition and Dietetics

Lecture Series: Two lecture series were offered in 1982-83: "Current Topics in Dietetics 1981" which attracted 125 registrants, and "Update in Nutritional Biochemistry" which attracted 173 participants.

Audio Telephone Conferencing: The "Updates in Nutritional Biochemistry 1983" course was offered as a pilot project on a co-sponsored basis between the Division of Continuing Education in Nutrition and Dietetics and the Division of Continuing Pharmacy Education. Four 1.5 hour sessions were transmitted to eight receiving sites where 63 pharmacists and dietitian-nutritionists were registered.

District Coordinators: A 1.5 day workshop was held in March to train two coordinators of continuing education from each of the nine regional districts of the B.C.D.N.A. (total participation: 18). Since it was established in 1979, the coordinators' network has been very successful in providing accessible, relevant continuing education opportunities to B.C.D.N.A. members in all districts of the province.

Other Activities: The Directors of Continuing Education in Nutrition and Dietetics and Continuing Pharmacy Education participated in a workshop entitled: "Evaluation of Continuing Education Activities in the Health Professions: The State-of-the-Art". The workshop, sponsored by the University of Southern California Development and Demonstration Centre in Continuing Education for Health Professionals, was held February 4-6 and was a valuable experience that will hopefully prove useful in evaluation of future continuing education offerings. The Director of Continuing Education in Nutrition and Dietetics presented a paper at the Canadian Dietetic Association Annual Meeting in June on the continuing education coordinators' network in B.C. A manuscript based on this topic has been co-authored by Drs. Fielding and Schwartz and will be submitted shortly to the Journal of the Canadian Dietetic Association. Another manuscript on audio-conferencing for continuing professional education, presenting our pilot project as a case study, is currently in preparation.

Total Participation in Continuing Education in Nutrition and Dietetics: A total of 379 participants registered in the four programs offered by Continuing Education in Nutrition and Dietetics this year.

Continuing Pharmacy Education

National Organization: The Director of Continuing Pharmacy Education concluded a two-year term as President of the Canadian Conference for Continuing Education in Pharmacy furing 1983.

Independent Study Programs: The independent study program initiated in 1978-79 continued to flourish. A total of 404 registrations were received for the 12 programs offered.

Courses (On-campus): A total of 782 registrants participated in 17 on-campus courses.

Courses (Off-campus): A total of 51 courses were offered for 842 participants.

Audio Telephone Conferencing: Continuing Pharmacy Education participated in the pilot project in audio-conferencing described in the activities of Continuing Education in Nutrition and Dietetics.

Regional Coordinators: An annual training session for regional coordinators was attended by 19 pharmacists from non-metropolitan communities. The Regional Coordinators Network now consists of 35 pharmacists in 28 communities. Regional coordinators assisted with the planning and implementation of the 51 off-campus courses listed in the previous section.

Publications: The Director of Continuing Pharmacy Education presented the following paper at the Annual Meeting of the American Association of Colleges of Pharmacy, July 14-17, 1983 in Washington, D.C. and has submitted it for publication: Fielding, D.W. and B.C.A. Dinning, "Regional Coordinators of Continuing Pharmacy Education: Seven Years Later".

Total Participation in Continuing Pharmacy Education: A total of 2,047 registrants participated in 81 Continuing Pharmacy Education learning activities.

Continuing Education in Rehabilitation Medicine

During 1982-83 a total of four courses were offered and were attended by 87 registrants.

To Initiate and Support New Teaching Methods That Facilitate and Stimulate Learning Among Members of Two or More Health Professions

Interprofessional activities continue to be one of the most exciting and stimulating challenges faced by the Division. Such activities result both from careful planning and as a natural consequence of health professionals sharing a common working environment.

Courses

"Professional Liability": this two-day program was held in conjunction with the Seventh Annual McCreary Lectureship in November, 1982. It was attended by a total of 106 health professionals: dentists, dietitian-nutritionists, hospital administrators, nurses, pharmacists and physicians.

"Seating Symposium": this 2½-day event held in February 1983, attracted an international audience of 159 physicians, nurses, therapists, rehabilitation engineers and others.

Lectureships

On November 18, 1982 The Honorable Mr. Justice Allen M. Linden of the Supreme Court of Ontario presented the Seventh Annual Dr. John F. McCreary Lecture on "The Health Professions and the Courts". Approximately 300 health professionals, health sciences students and others attended.

On March 11, 1983 Dr. C. Richard Chapman, Associate Director for Research, the University of Washington Pain Centre, Seattle, presented the Eighth Annual Dr. John F. McCreary Lecture on "The Management of Pain". Approximately 200 health professionals, health sciences students, and others attended.

Total Participation in Interprofessional Events: A total of 765 participants attended these four interprofessional events.

To Offer Educational Opportunities to Assist in the Planning and Conducting of Continuing Health Education Programs

Regional Coordinators

Training sessions for coordinators were held in three professions: Dentistry, Nutrition-Dietetics and Pharmacy. A total of 62 coordinators are now active in British Columbia.

Certificate Program in In-Service Education

This successful program intended to enable nurse-educators to design and implement continuing education and in-service programs in their agencies and/or regions was continued during 1982-83.

To Encourage and Assist Health Professionals in the Community to Initiate Their Own Continuing Education Activities and to Provide Them with Faculty Support When Requested

Program Planning Guides

A total of 175 introductory handbooks on program planning were sold at cost to provide health professionals with a reliable reference to help them develop sound continuing education programs.

Consultations

Each of the Divisions provides advice and assistance to health professionals in the community who are planning continuing education events. Frequently this process involves suggesting the names of faculty and others who might act as speakers. Regional coordinators receive this kind of assistance on an ongoing basis.

To Offer Consultative Services Regarding Continuing Education for Health Professionals

Regional Coordinators

The Directors of Continuing Education in Dentistry and Pharmacy offer consultative services of a variety of kinds to their regional coordinators on an ongoing basis.

Health Sciences Community

All members of the Division respond to requests from the health sciences community in British Columbia and elsewhere. The most frequent topics of consultations are planning, evaluation, and the inter-professional approach to continuing education.

To Establish Liaison with Other Groups Providing Continuing Education Programs in Order to Facilitate Cooperative Programming and Coordination of Continuing Education Activities Throughout the Province

Members of the Division established and maintained liaison with a variety of agencies and organizations involved in continuing education. These included, among others:

British Columbia Institute of Technology, Department of Continuing Education in the Health Sciences

Centre for Continuing Education, UBC

Continuing Legal Education Society of British Columbia

Canadian College of Health Service Executives

Douglas College Health Education Centre

Knowledge Network of the West

Vancouver Community College, Central Continuing Education Division, and Langara Campus

University of Victoria, Extension Division

Professional Associations and Teaching Hospitals

To Initiate and Support Research Activities Pertinent to the Development of Continuing Education in the Health Sciences

For some time, the Division has been endeavoring to identify funds to support specific initiatives in research and evaluation. Of particular interest is examining the relationship, if any, between continuing education programs and the competence and performance of the health professionals who participate in these programs as learners. Considerable time and energy have been devoted to the writing of proposals and to meeting with interested individuals. Unfortunately, efforts to date have failed to secure the necessary funding.

To Encourage and Participate in the Development of Health Education Programs for the Public

A Continuing Medical Education program entitled "The Prevention of Nuclear War" attracted 350 members of the public as well as a large number of health professionals. This figure was included in the Continuing Medical education report.

Satellite programs offered via the Knowledge Network could be viewed by members of the general public who had access to them on cable television. Although public viewing poses certain problems because of the confidential nature of some of the material, telephone calls to the television studio indicated public interest in these and other health related programs.

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

ACADEMIC AND ADMINISTRATIVE STAFF

The Division of Continuing Education in the Health Sciences was administered by a Committee consisting of:

Coordinator, Health Sciences
Dr. B.E. Riedel

Chairman of the Executive Committee, and Director of Continuing Nursing Education
Shirley L. Brandt

Director of the Division of Continuing Dental Education
Dr. Malcolm F. Williamson

Co-Directors of the Division of Continuing Education in Audiology and Speech Sciences
Noelle L. Lamb Elizabeth Duncan Dr. John H.V.G. Gilbert

Co-Directors of the Division of Continuing Education in Human Nutrition and Dietetics
Dr. Indrajit D. Desai Dr. Nancy Schwartz

Director of the Division of Continuing Medical Education
Dr. David S. Lirenman

Director of the Division of Continuing Pharmacy Education
Dr. David W. Fielding

Director of the Division of Continuing Education in Rehabilitation Medicine
Laura Harvey

Executive Director
Robert C. Gobert

Administrator
David J. Miller

The individual Directors of the continuing education programs for each profession are appointed by and responsible to the Deans or Directors of the Health Sciences Faculties and Schools. Each Faculty and School provides support staff to its Director.

During 1982-83 assistance in planning and conducting continuing education programs was provided to the Directors by:

Continuing Dental Education
Jane M. Wong, Assistant Director

Continuing Pharmacy Education
Beverly C. Dinning, Assistant Director

Several of the Directors were supported by additional personnel engaged to work on specific projects.

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

STATISTICAL SUMMARY OF ON-CAMPUS AND OFF-CAMPUS REGISTRATIONS IN 1982-83

Program Area	No. of On-campus Courses	Regis-trations	No. of Off-campus Courses	Regis-trations
Audiology and Speech				
Courses	1	83		
Dentistry				
Courses	46	3,378	41	1,619
Lecture Series	1	104		
Satellite Programs			2	523
Independent Study			18	66
Medicine				
Courses	22	2,612	35	884
Lecture Series	1	167		
Satellite Programs			2	172
Nursing				
Courses	39	925	8	138
Satellite Programs			2	130
Nutrition and Dietetics				
Lecture Series	2	298		
Courses	1	18		
Audio-conferencing			1	63
Pharmacy				
Courses	18	801	51	842
Independent Study			12	404
Audio-conferencing			See Nutrition	
Rehabilitation Medicine				
Courses	4	87		
Interprofessional				
Courses	2	265		
Lectureships	2	500		
TOTALS	139	9,238	172	4,841

TOTAL ON-CAMPUS COURSES	139	REGISTRATIONS	9,238
TOTAL OFF-CAMPUS COURSES	172	REGISTRATIONS	4,841
TOTAL COURSES	311	TOTAL REGISTRATIONS	14,079

PROFESSIONAL PROGRAMS OF THE FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Professional Programs conducts the continuing education activities of the Faculty of Commerce and Business Administration. There are four Professional Programs divisions: Executive Programs, the Diploma Division, Certificate Programs, and the Real Estate Division. Executive Programs is concerned with short term management seminars and conferences. The Diploma Division is responsible for long term professional and managerial training. Certificate Programs administers the Office Management and Notaries Public preparatory courses. The Real Estate Division is responsible for licensing and continuing education for the real estate industry.

Associate Dean Fred H. Siller is responsible for the Faculty's continuing education activities. Reporting to Dr. Siller are Ms. Maggie Brady, the Real Estate Division; Miss Sharon Habkirk, the Diploma Division; and Dr. Bruce Fauman, Executive Programs. Following a long and fruitful association with the Faculty's continuing education efforts, Mr. Vern Ferguson, Certificate Programs, retired in 1983.

Executive Programs

During the last academic period, September 1, 1982 to August 31, 1983, Executive Programs offered 38 seminars to 543 businessmen and women throughout the province. These seminars covered a wide range of topics. Seminars were held in Vancouver at the University, as well as elsewhere in British Columbia.

The E.D. MacPhee Executive Conference Centre continues to be a superior facility for Executive Programs. The Centre provides an excellent atmosphere for continuing business education.

Diploma Division

The Diploma Division offers five professional development courses in conjunction with various professional associations. In total, 4,841 registrations were received in the Diploma Division during the period September, 1982 to August, 1983.

The Certified General Accountants' course (C.G.A.) remained the largest of the diploma offerings. There were 3,395 registrations. Some 80 lecturers and markers were involved. The course requires five years to complete and may be taken by lecture or correspondence.

The Society of Industrial Accountants' Course (R.I.A.) registered 446 students. This is also a five year program.

The Graduate Admission Program (GAP) for the Institute of Chartered Accountants registered 60 students.

The Marketing and Sales Management Diploma, three years in length, enrolled 130 students.

The Institute of Canadian Bankers registered 810 students.

Certificate Programs

Certificate Programs offers two courses: the Preparatory Course for Notaries Public and the Three-Year Certificate Course in Real Property Office Administration.

The Notaries Public course enrolled 30 people in 1982-83. The Office Administration course enrolled eight people.

Real Estate Division

The Real Estate Division provided training to 2,994 students during 1982-83. Courses offered consisted of: The Real Estate Salesman's and Sub Mortgage Broker's Pre-licensing Course, The Real Estate Agents Pre-licensing Course, Mortgages: A Course for Lenders and Brokers, and the Urban Land Economics Diploma Course.

The Real Estate Salesman's and Sub Mortgage Broker's Pre-Licensing Course, offered four times per year by correspondence, enrolled 1,939 students.

The Real Estate Agent's course, conducted five times per year by correspondence, registered 205 students. An additional 45 students undertook a residential version.

Mortgages: A Course for Lenders and Brokers, offered in the fall and the spring, registered 194 students as full-time correspondence students. An additional 16 students successfully challenged the examination.

The Diploma Program in Urban Land Economics enrolled 595 students.

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

STATISTICAL SUMMARY OF REGISTRATIONS IN PROFESSIONAL PROGRAMS 1982-83

Executive Programs	
Thirty-eight seminars	543
Diploma Division	
Chartered Accountants, Graduate Admission Program	60
Marketing and Sales Management Course	130
Institute of Canadian Bankers' Course	810
Registered Industrial Accountants' Course	446
Certified General Accountants' Course	3,395
Certificate Courses	
Preparatory Notaries Public Course	30
Real Property Office Administration	8
Real Estate Division	
Real Estate Salesman's and Sub Mortgage Broker's Pre-licensing Course	1,939
Real Estate Agent's Course	
Correspondence	205
Residential	45
Mortgages: A Course for Lenders and Brokers	210
Diploma Course in Urban Land Economics	595
TOTAL REGISTRATIONS	8,416

PROFESSIONAL CONTINUING EDUCATION PROGRAM OF THE SCHOOL OF SOCIAL WORK

There are three primary objectives in the program of Continuing Education offered by the School of Social Work. The first is to bring new knowledge and thus enhance the knowledge and skills of the social workers who already have a university degree in the discipline; secondly to provide educational opportunities for the substantial number of persons employed in the social services who lack professional education; and thirdly to serve the social work community throughout the province.

Professor Ben Chud is the Chairman of Continuing Education and in this task he is aided by Doreen Hudson who is the Secretary. The Chairman is responsible both to the School Director and the entire faculty. In this fashion faculty participates in the planning of the program and has the opportunity to make suggestions as to the kinds of courses and potential instructors.

On occasion courses are offered in conjunction with the British Columbia Association of Social Workers. During 1982-83 a number of courses were offered at Douglas College and these too were jointly sponsored with the UBC School of Social Work.

The Banff Family Practice Conference is another area which involves Social Work Continuing Education. This conference is sponsored by five Western Canadian Schools of Social Work and the Universities involved are: The University of Victoria, The University of British Columbia, University of Calgary, University of Regina, and The University of Manitoba. During 1982-83 the Banff Family Practice Conference in conjunction with Social Work Continuing Education sponsored three regional workshops in British Columbia. These workshops were offered in Victoria, Nelson and Cranbrook. In addition courses were offered in Prince George and Prince Rupert.

During 1982-83 42 courses were offered by Social Work Continuing Education. In total these courses involved 791 registrants, an increase of 54% over the previous year. The Banff Family Practice Conference attracted an additional 210 registrants. Thus the total number of people served by Social Work Continuing Education in 1982-83 was 1,001.

It is important to note that 1982-83 coincided with a period of economic recession and restraint in government and agency spending. There is no doubt that this had its effect on registration and particularly so in terms of the Banff Family Practice Conference due to restrictions on travel, time off, and financial assistance. Despite this, social workers and social service personnel enrolled in our continuing education courses and thus manifested their high degree of motivation and dedication to professional improvement.

STATISTICAL SUMMARY OF REGISTRATIONS 1982-83

Continuing Education Courses	791
1983 Conference on Family Practice	210
TOTAL REGISTRATIONS	1,001

PROFESSIONAL CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF AGRICULTURAL SCIENCES

Overview

Although a depressed economy and specific cutbacks in government agencies impacted on some programs, the Faculty of Agricultural Sciences once again increased the number of its continuing education events and the number of British Columbians it served.

Almost 1,900 people attended Faculty-sponsored events during the 1982-83 academic year. The Interior Program continued to offer both academic and professional development programs in the Central Interior, Cariboo, Okanagan and Peace River regions of the province. A faculty member was appointed in the Okanagan to complement those located in Prince George and Kamloops. These faculty members coordinate local development and delivery of the program.

Faculty-sponsored short courses, symposia, conferences, workshops and seminars were presented not just in the Interior but also on Vancouver Island and in the Lower Mainland. As well, faculty members kept the public and professionals informed through lectures and talks, scientific exhibits, displays, and tours.

Province-wide Program

The Faculty of Agricultural Sciences has continued and expanded its non-metropolitan program of academic and professional development courses. The program helps meet agricultural higher education needs throughout British Columbia. In 1982-83 a part-time lecturer was appointed in the Okanagan region to complement full-time positions in the Cariboo and Central Interior. Local faculty ensure that the program meets local needs. The program is now well established in the Okanagan, Cariboo, Central Interior and Peace River regions.

The program is presented collaboratively with the regional colleges in each area and with the cooperation of the B.C. Ministry of Agriculture and Food. Some events were jointly sponsored by other agencies including the Western Indian Agricultural Corporation, with whom the Faculty is offering programs specifically for Native Indians.

Seven credit courses were offered in non-metropolitan areas, three in Prince George, two in Kelowna and one each in Kamloops and Williams Lake. Students attended these courses as regular students on academic program (49), or as Dean's special audit students for professional development (15).

Among professional development short courses, seminars and workshops offered throughout the province were the following: "Food for Life" in Kamloops and Kelowna; "Microcomputers in Agriculture Workshop" in Dawson Creek, Kamloops and Prince George; "Stockmen's Seminar" in Kamloops and Prince George; "Horse Health and Management" in Dawson Creek and Fort St. John; "Pest Control Update Symposium" in Kamloops; "Land and Man Symposium" in Kelowna; "Horse Health and Management" in Vernon; "Marketing Boards (Who Benefits) Debate" in Kelowna; "Strategies for Survival" and "Marketing Policy and Development Seminar" in Fort St. John; "Equine Breeding Management", "B.C. Central Interior Grazing Seminar" and "Commercial Greenhouse and Nursery Crops" in Prince George; and "Shellfish Aquaculture Information Update: Gooseneck Barnacle Culture" and "Shellfish Aquaculture Information Update: Scallop Research Progress" in Nanaimo.

Four programs for Native Indian people were offered this year in cooperation with the Western Indian Agricultural Corporation. Three of these programs, "Livestock Management", "Forage Crops and Range" and "Youth Range Program" were held at the Cariboo Indian Education/Training Centre in Williams Lake, while the fourth program, "Agriculture for Native Indians" was held in Chilliwack.

Three programs were offered this year in the Lower Mainland. "Fish Farming Forum: Information Update" in Abbotsford, and "Introductory Sheep Course" and "Advanced Sheep Course" in Langley.

UBC campus was the location of "Soil Survey Workshop", "Sheep Field Day" and "Egg Inspection Update".

Two conferences were organized by the Faculty of Agricultural Sciences in 1982-83. "Targeting the Food Market Challenge Conference", in Richmond, provided leaders from all sectors of the agri-food industry with economic and marketing information relevant to the challenges of the 1980s. The conference was held under the auspices of the B.C. Agricultural Services Coordinating Committee, including members from the B.C. Ministry of Agriculture and Food, Agriculture Canada, UBC Faculty of Agricultural Sciences, the B.C. Federation of Agriculture, and the B.C. Ministry of Industry and Small Business Development. The fourth annual "Poultry Production, Processing and Marketing Conference" was held in the new facilities of the UBC Poultry Science Centre and focussed on a number of practical issues.

FACULTY OF AGRICULTURAL SCIENCES

1982-83 CONTINUING EDUCATON PROGRAMS*

	Dates	Location	Enrolment Credit	Enrolment Non-credit
INTERIOR PROGRAM:				
Academic				
Plant Science 320	Aug.30-Sept.10/82	Williams Lake	8	1
Animal Science 258	Sept.14-Dec.9/82	Prince George	7	3
Soil Science 200	Sept.20/82-Apr.13/83	Prince George	13	2
Agricultural Sciences 100	Jan.7-8/83	Kelowna	8	4
Agricultural Sciences 110	Jan.18-Apr.14/83	Prince George	4	-
Agricultural Sciences 110	Jan.10-Apr.13/83	Kamloops	4	4
Agricultural Sciences 110	Jan.11-Apr.14/83	Kelowna	5	1
Professional Development				
Agriculture for Native Indians	Oct. 15 & 16/82	Chilliwack		26
Food for Life	Oct. 23/82	Kelowna		45
Grazing Systems Seminar	Nov. 4 & 5/82	Prince George		34
Food for Life	Nov. 6/82	Kamloops		33
Commercial Greenhouse	Nov. 23 & 24/82	Prince George		38
Horse Health & Management	Nov. 27/82	Vernon		37
Livestock Management	Dec. 6-17/82	Williams Lake		9
Horse Health & Management	Dec. 11/82	Fort St. John		25
Horse Health & Management	Dec. 12/82	Dawson Creek		14
Marketing Policy Seminar	Jan. 18/83	Ft. St. John		37
Stockmen's Seminar	Jan. 27/83	Kamloops		71
Stockmen's Seminar	Jan. 28/83	Prince George		66
Strategies for Survival	Feb. 4/83	Ft. St. John		59
Equine Breeding Management	Feb. 19/83	Prince George		45
Microcomputers in Agriculture	Feb. 21/83	Kamloops		40
Microcomputers in Agriculture	Feb. 23/83	Prince George		51
Microcomputers in Agriculture	Feb. 25/83	Dawson Creek		63
Marketing Boards Debate	Mar. 16/83	Kelowna		14
Pest Control Update	Mar. 25/83	Kamloops		21
Land & Man Symposium	May 17/83	Kelowna		36
Forage Crops & Range	May 30-June 17/83	Williams Lake		19
Range Youth Program	July 11-16/83	Williams Lake		9
OTHER CONTINUING EDUCATION EVENTS				
Soil Survey Workshop	Apr. 12/83	Vancouver		45
Targeting the Food Market Challenge	Apr. 19-20/83	Vancouver		138
Poultry Production, Processing & Marketing	Apr. 26/83	Vancouver		29
Fish Farming Forum	Sept. 25/82	Abbotsford		60
Sheep Course	6 eve., fall '82	Langley		20
Advanced Sheep Course	6 eve., spring '83	Langley		15
Sheep Field Day	Jan. 29/83	UBC/Vancouver		30
Financial Management Wkshps.	Sept./82-Apr./83	42 locations throughout B.C.		600
Shellfish Aquaculture Information Update: Scallop Research Progress	April 16/83	Nanaimo		40
Shellfish Aquaculture Information Update: Gooseneck Barnacle Culture	April 16/83	Nanaimo		40
Egg Inspection Update	March 10/83	UBC/Vancouver		15
			49	1839
			1888	

*some programs were presented cooperatively with other agencies

PROFESSIONAL CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF EDUCATION

One of the goals of the Faculty of Education is to make the University's instructional and research resources available to communities throughout British Columbia. The majority of off-campus Faculty of Education educational and technical assistance activities are coordinated by the Field Development Office, which is organized to identify needs in B.C. communities, help design activities to respond to those needs and bring together community needs and University resources.

Within local communities practising teachers are the principal recipients of our services. Other organizations that participate in our training and technical assistance activities are local providers of non-educational human and social services and people from business and industry. The delivery of education and training is carried out by UBC faculty, by approved on-site instructors or by educational television that originates at UBC. These services take the form of credit courses (both graduate and undergraduate), summer institutes, non-credit activities such as workshops, conferences, seminars, presentations and consultations, and special projects. These services are described below.

Credit Courses

Requests for education and training from practising teachers reflect the following conditions:

1) teachers who need credit courses to complete their first degree
2) teachers and other school district staff who need to prepare for new roles within the education system
3) teachers in the non-metropolitan areas of British Columbia who wish to continue their professional growth and development
4) teachers and other school district staff who wish to develop their leadership potential.

With the assistance of a government grant through the Universities Council of B.C., the Faculty of Education offered off-campus courses on an equitable basis to teachers throughout the province. Undergraduate courses were taught by both UBC faculty and local instructors who were approved by the University. In 1982-83, 46 undergraduate courses were offered by direct instruction at 23 sites for 613 students.

In addition to courses taught by direct instruction, two credit courses were produced for television. Both of these courses were offered twice on the Knowledge Network during 1982-83, and it is estimated that 85% of the population in B.C. can be reached through the Knowledge Network. Two hundred and ninety-five students from 57 different locations in the province enrolled in these courses. They were located in every corner of British Columbia, in the Yukon and in the Northwest Territories. Print material and tapes were mailed to students who could not obtain the satellite signal. Thorough evaluation of these programs indicates that the majority of the students preferred courses by television to traditional classroom instruction. Part of each weekly television presentation included a live interactive segment. During this portion of the program, numerous comments and questions came from viewers who were not taking the course for credit. Non-credit viewers included teachers, parents of children with handicaps, employees from other social

service professions and interested people from the general public. During the past year it was demonstrated that effective University instruction for credit on educational television can be provided.

Concurrent with an increasing percentage of practising teachers who have completed their first degree, there are more demands for off-campus graduate programs. In 1982-83 six graduate courses were offered off-campus through the Graduate Office at three different sites for 29 students. These courses established a foundation for plans to offer six off-campus graduate programs each year in different B.C. communities. These programs will commence in September of 1983 in Prince George, Nanaimo, Terrace, Kelowna and Kamloops if there is sufficient enrolment.

In 1982-83 there was also a sharp increase in requests for summer institutes. Institutes were organized that included both credit and non-credit components. They were directed toward specific target groups within the teaching profession or other social service employees. The institutes were offered at times when practising teachers from every part of the province were able to participate. Content areas included infant development, orientation and mobility training for teachers of blind students, training in economic education for teachers, adult education, microcomputer applications in the classroom, and training for regular classroom teachers regarding special needs children. A total of eight summer institutes were conducted, which incorporated 18 credit courses at four different sites for 322 persons.

Information on credit courses is summarized in table on page 47.

Non-Credit Activities

In addition to the credit offerings described earlier the Faculty of Education provided a wide range of non-credit activities in 1982-83 for practising teachers and other social service professionals. The objectives for non-credit activities included:

1) training for teachers to implement new curriculum areas mandated by the Ministry of Education or local school districts
2) information sharing concerning research findings or new trends in education
3) responses to requests for training and education that facilitates the continuing professional growth and development of teachers.

Strategies for delivering non-credit activities included conferences, workshops, seminars, presentations and consultations. An attempt was made in 1982-83 to minimize this category of activity considering a preference for activities with continuity or a program focus. Within this category, the two largest activities were summer institutes and workshops in local schools. Other activities involved information sharing with a variety of educational and social service organizations.

These activities are summarized in table on page 48.

Special Projects

A final activity category of continuing education is organized under the heading of Special Projects. This category consists of an on-going program in the Yukon, a variety of non-credit distance education activities, a project designed to

identify the in-service education needs of B.C. teachers, a project designed to implement programs for gifted and talented students, and a review and evaluation of a community college program for social service employees working with developmentally disabled populations.

The University of British Columbia's Yukon-based Arts, Science and Education Program served 110 Yukon students last year. Courses are offered in Arts, Science and Education throughout the year.

In 1982-83 the Faculty of Education through the Field Development Office coordinated four teleconferences. One teleconference was international in scope, involving 16 universities from the United States and three Canadian universities. In B.C. it involved 53 representatives from the three universities, a variety of government agencies including the Knowledge Network, community colleges and local schools. The teleconference was designed to develop procedures for teleconferencing between organizations and examine the classroom applications of microcomputers. Within British Columbia, three additional teleconferences were conducted. All of them were presented on the public service network, thereby making them available to all B.C. residents who can obtain the Knowledge Network signal (85% of the population). One of the teleconferences was a cooperative venture with the Implementation Branch of the Ministry of Education and was designed to help local schools implement a new curriculum area that prepares teachers to train students in writing skills. The teleconference was presented along with intensive workshops in a number of different locations throughout the province. The teleconferences included participation from the University of Victoria. Another teleconference on making lifestyle choices was presented in cooperation with the Canadian Cancer Society.

Also, during 1982-83, a pilot demonstration to determine the in-service education needs of B.C. teachers was conducted in three school districts. Over 400 teachers were involved in reviewing their in-service education needs.

In another project, the Faculty of Education developed recommendations to provide enrichment activities for gifted and talented students in local schools. These recommendations were presented at a provincial conference of local coordinators of programs for gifted and talented students.

Finally, the Faculty of Education is participating in a series of activities designed to review, evaluate and modify a community college program that trains staff who serve developmentally disabled populations. The Community College Program is seeking certification for its program.

Information on Special Projects is summarized in table on page 49.

Conclusion

The five outstanding activity areas that characterized the continuing education program of the Faculty of Education in 1982-83 were credit courses by educational television, teleconferencing, planning for off-campus graduate programs, summer institutes in response to public demand, and a focus on improved information in order to develop plans for in-service education. Careful evaluation has demonstrated that we can produce and present effective instruction by television for university credit. Assuming on-going support for these activities, four additional credit courses are at various levels of planning and production. With on-going support, they will be ready for presentation between 1984 and 1986. Additionally,

the Faculty of Education conducted four highly successful teleconferences involving a variety of universities, government agencies and organizations from the private sector. At this time, ten non-credit activities that involve pre-taped video material are at different stages of planning and production. If financial support is available to continue this category of activity, these programs will be organized and presented for the first time in 1984 and 1985, and will continue thereafter as long as the content remains current and needed. In 1982-83 the Faculty of Education engaged in an intensive period of planning to organize off-campus graduate programs. These programs will begin in the fall of 1983 if there is sufficient enrolment. In the fall of 1982 and the spring of 1983, planning was undertaken to provide a series of summer institutes. Evaluation results indicate that these institutes were both popular and successful in accomplishing their goals. In conclusion, it should be pointed out that a number of the activities described in this part of the report were joint activities of two or three of the universities. This reflects our efforts to improve our continuing education capacity through joint ventures with the other universities. Similarly, activities were conducted in cooperation with the Knowledge Network in our attempts to develop alternative and more efficient distance education procedures.

FACULTY OF EDUCATION

SUMMARY OF CREDIT COURSES 1982-83

Activity Area	Number of Courses	Number of Sites	Number Enrolled
Credit Courses (Undergraduate) (Direct Instruction)	46	23	613
Credit Courses (Educational Television)	4	57	295
Graduate Courses (Direct Instruction)	6	3	29
Summer Institutes (Direct Instruction)	18	4	322
TOTALS	74	87*	1,259

*These may not be 87 different sites. However, it should be noted that through the Knowledge Network we are able to reach 85% of the population in British Columbia. This is not reflected in this figure.

FACULTY OF EDUCATION

SUMMARY OF NON-CREDIT ACTIVITIES 1982-83

Activity	Number of Events	Number of Locations	Number of Participants
Workshops in Schools	11	9	269
Summer Institutes	31	4	344
Native Indian Teacher Aide Program	30	3	269
Native Indian Teacher Education Program Upgrade	1	1	30
Composition Workshops	3	2	46
B.C. Association of School Administrators	1	1	20
B.C. Association of School Superintendents	1	4	200
B.C. School Trustees	1	1	36
Northern Interior Advisory Committee	1	1	16
Okanagan Advisory Committee	1	1	23
B.C. Council for Leadership in Educational Administration	1	1	112
B.C. Council for Exceptional Children	1	1	67
B.C. Association for the Mentally Retarded	1	1	76
Distance Education Conference	1	1	300
Canadian Society for the Study of Education	1	1	62
East China Normal University	1	1	17
TOTALS	87	33	1,887

FACULTY OF EDUCATION

SUMMARY OF SPECIAL PROJECTS 1982-83

Activity	Number of Events/Courses	Number of Locations	Number of Participants
Yukon Program	20	1	110
North American Teleconference on Microcomputers	1	19	53
Teleconference/Young Writers	2	public TV	200*
Teleconference/Teacher Effectiveness	2	public TV	400*
Teleconference/Lifestyle Choices	1	public TV	100*
Needs Analysis of In-service Education for B.C. Teachers	3	3	400
Enrichment Activities for Gifted and Talented Students	1	1	65
Review and Evaluation of Douglas College Program for Developmentally Disabled Persons	3	1	55
TOTALS	33	25+	1,383+

*The teleconferences on Young Writers, Teacher Effectiveness and Lifestyle Choices were all offered on the public service network. Eighty-five percent of the population of British Columbia has access to these programs. However, we have no way of identifying the number of viewers from the general public. The number of participants shown above were enrolled in specific training events that were conducted in conjunction with the telecast.

FACULTY OF EDUCATION

GEOGRAPHICAL DISTRIBUTION OF OFF-CAMPUS COURSES AND WORKSHOPS 1982-83

REGION/Location	CREDIT COURSES			NON-CREDIT COURSES		
	Courses	Units	Enrol.	Location	Workshops	Enrol.
FRASER VALLEY						
Abbotsford	4	6.0	46			
Hope	1	3.0	8			
Maple Ridge	4	7.0	32	Maple Ridge	1	10
Total	9	16	86		1	10
GREATER VANCOUVER						
Jericho	3	4.5	65			
Richmond	3	4.5	71			
North Vancouver	2	3.0	40			
Surrey	1	3.0	21			
Total	9	15	197			
MAINLINE CARIBOO						
Kamloops	1	1.5	9	Kamloops	2	30
Total	1	1.5	9	Ashcroft	2	140
				Williams Lake	1	20
				Total	5	190
NORTH COAST						
New Aiyansh	2	3.0	19			
Terrace	5	10.5	52			
Prince Rupert	4	6	43			
Kitimat	1	3	6	Prince Rupert	1	10
Total	12	22.5	120	Total	1	10
NORTHERN INTERIOR						
Prince George	8	16.5	84			
Vanderhoof	1	3	5	Vanderhoof	1	60
Total	9	19.5	89		1	60
OKANAGAN						
Kelowna	1	1.5	19			
Salmon Arm	2	3.0	27			
Vernon	1	1	2			
Total	4	5.5	48			
PEACE RIVER						
Dawson Creek	2	3.0	26			
Fort St. John	2	6.0	26	Fort Nelson	1	10
Total	4	9.0	52		1	10
SOUTH COAST						
Sechelt	2	3.0	21			
Powell River	2	3.0	30			
Total	4	6.0	51			
VANCOUVER ISLAND NORTH						
Courtenay	1	1.5	11			
Campbell River	2	3.0	23	Campbell River	1	20
Qualicum	1	3.0	14	Port Hardy	1	19
Total	4	7.5	48		2	39
WEST KOOTENAY/Nelson	1	3.0	8			
Total	1	3.0	8			
KNOWLEDGE NETWORK	4	6	295			
Total	4	6	295			

FACULTY OF EDUCATION

OFF-CAMPUS CREDIT PROGRAM (GRADUATE AND UNDERGRADUATE) 1982-83

Department	Number of Courses	Number of Units	Enrollments	Sites
Administrative, Adult and Higher Education	4	10.5	47	3
Counselling Psychology	7	19.5	56	4
Curriculum and Instructional Studies	10	19	115	8
Educational Psychology and Special Education	24	37.5	619	10*
Language Education	4	9	50	4
Math and Science Education	13	21	195	8
Physical Education and Recreation	1	3.0	7	1
Visual and Performing Arts	4	6	6	17
OTHER				
Native Indian Teacher Education Program	2	3.0	19	1
Education Research Service Centre	6	9.0	110	1

*plus Knowledge Network sites

FACULTY OF EDUCATION

NON-CREDIT PROGRAM 1982-83

Department	Number of Workshops	Enrollments	Sites
Administrative, Adult and Higher Education	5	263	6
Counselling Psychology	11	185	1
Curriculum and Instructional Studies	1	18	1
Educational Psychology and Special Education	11	124	5
Language Education	5	116	4
Math and Science Education	2	30	2
OTHER			
Native Indian Teacher Aide Program	30	269	3
Native Indian Teacher Education Program	1	10	1
Educational Research Service Centre	6	209	3
Field Development Office	17	1,766	10*

*plus Knowledge Network sites

FACULTY OF EDUCATION

STATISTICAL SUMMARY OF REGISTRATIONS 1982-83

	Locations	Participants
Credit Courses	87	1,259
Non-Credit Programs	33	1,887
Special Projects	25+	1,383+
TOTAL REGISTRATIONS		4,529+

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

COMMUNITY SPORTS SERVICES ADULT PROGRAM

The Community Sports Services of the School of Physical Education and Recreation operates spring and summer programs of adult instruction skills classes in golf, ice hockey and tennis. Utilizing the University's unique facilities and instructional personnel, these classes were created to provide adults with excellence in sport skill development. The classes also provided full- or part-time employment for students.

Adult Golf Program: The adult golf classes offered in the spring and summer enrolled 96 individuals.

Adult Ice Hockey: The July and August ice hockey classes for novices, intermediate and advanced, attracted 135 men and women.

Adult Tennis Program: The adult tennis program, consisting of evening classes, adult camps, adult weekend camps and early bird tennis classes offered during the summer months, registered 1,129 participants.

COMMUNITY SPORTS SERVICES ADULT PROGRAM

STATISTICAL SUMMARY OF REGISTRATIONS 1982-83

Adult Golf Program	96
Adult Ice Hockey	135
Adult Tennis Program	1,129
TOTAL REGISTRATIONS	1,360

MUSEUM OF ANTHROPOLOGY: EXHIBITS AND PROGRAMS

The UBC Museum of Anthropology's primary objective is to develop a high quality, high profile institution that maximizes public access and involvement while it also conducts active programs of teaching, research and experimentation. Thus principal activities combine public oriented programs, teaching and research interests. Many different non-credit educational opportunities and public programs are designed for the larger community: off-campus students, children, adults, professional associations, Native Indian organizations, ethnic groups, senior citizens and other special groups.

Public activities designed for adults include special events, Sunday performances, demonstrations, carving programs, identification clinics, special lectures, and illustrated talks. A major aim of public programming is to utilize collections in ways which encourage and promote a better understanding and awareness of our multi-cultural heritage. Popular programs in 1982-83 were: demonstrations by Native Indian Youth on traditional uses of heritage material, mime performances by the museum's anthropological clowns, the public raising of a totem pole (an event attracting over 2,500 visitors), and the three days of public programs held at the museum during the UBC Open House, attended by more than 5,000 visitors. Through extension programs distant communities and a non-visiting public benefit from travelling exhibits, a unique prison project for Native inmates, and an inner urban video disc presentation on the museum.

The following list summarizes attendance at activities (both in-house and extension) initiated or sponsored by the museum: single lectures, lecture series, workshops, conferences and symposia served a total of 2,282 participants. Public programs including special events, musical and theatrical performances, guided tours, escorted visits and other special services attracted in total 49,350 people. A special outreach prison program for Native inmates provided 52 visits. The museum installed 14 in-house exhibits, circulated another three across the country, and mounted 11 in extension locations. Total attendance at the museum for the period between September 1982 and August 1983 was 133,634.

The museum serves various public audiences through programming activities: special events, tours, exhibits, publications, graphic information systems (which are improved all the time), for example Telidon, video productions, Knowledge Network programs, video disc experimentation, labelling devices, and Acoustiguide audio tours. All these enhance not only the visitor experience but also serve a wider population. The Museum of Anthropology continues to sustain its reputation for being one of the most active museums in North America through innovative service both to the academic and public communities.

MUSEUM OF ANTHROPOLOGY

STATISTICAL SUMMARY OF PARTICIPATION IN PROGRAMS 1982-83*

Single Lectures	1,231
Lecture Series, Seminars, Workshops, Symposia	306
Conferences/Congresses	745
Performances/Public Events	29,560
Escorted Visits/Tours	19,790[1]
TOTAL	51,632

[1] Figures for attendance in total are not available for the Museum's Prison Project involving year-round weekly visits to B.C. correctional institutions.

* Visitors to Museum exhibits, including art and travelling exhibits, totaled 133,634. Figures for off-campus extension exhibits are not available.

UBC BOTANICAL GARDEN

The academic year 1982-83 was once again an active year at The Botanical Garden, both in the University community and in the public sector.

The Garden participated in the ten-day "Vancouver Home and Garden Show" with a special feature on food gardening, in conjunction with the opening of our Food Garden component at UBC and while it was difficult to estimate the number of enquiries dealt with, it seemed as if the 86,000 people who attended the show came through our display, which was manned by two Garden staff and two Friends of the Garden every day. We also participated in a new horticultural show "The Gardener's Show" which was held over a weekend in April. Some 8,000 people visited the show and the eight special lectures given by our staff were well attended.

On campus, two orientation sessions were given for faculty and staff of the Botany, Zoology, Plant Science and Pharmacology Departments, to show how the gardens could be used by themselves and their students. Once again, the Student Plant Sale was well attended in the fall of 1982, with the usual follow-up plant care workshops being held in the Student Residences.

The Friends of the Garden gave 52 tours for schools and other special interest groups, and the touring art show "Cloudflowers", sponsored by them (which opened here in May 1981) returned in July this year, having travelled to 12 major art galleries across Canada and the United States. The Friends of the Garden also sponsored two lectures in the Special Lecture Series, related to horticulture, which 500 people attended.

The Garden's liaison with the B.C. Nursery Trades continues and Garden staff have given nine special workshops for professional nursery staff. The first two plant introductions from the PISBG (Plant Introduction Scheme of the Botanical Garden) have been released both to the trade in B.C. and to a number of research stations across the country, and the Botanical Garden Nursery put up a manned exhibit at the B.C. Nursery Trade Show to promote the Plant Introduction Scheme.

In February the Garden started co-hosting a new weekly CBC TV show "The Western Gardener" which deals with topical gardening and is also shown in Ottawa and London, Ontario. Twenty-one articles have been written by Garden staff for various botanical publications, three of which were published in Britain.

During the summer, two of our staff were very active in the B.C. Housing Management Commission "People, Plants and Homes" project, which promotes gardening in their various housing developments throughout the city, Lower Mainland and Victoria. Six special workshops were given and judging was carried out in all areas. Garden staff were also involved in the judging of the Vancouver Sun newspaper "Super Summer Gardens" program.

Despite funding difficulties, the Hortline has continued to operate and more than 5,000 horticultural enquiries have been answered.

While our Horticultural Therapy program was severely restricted by budget cuts, four major consultations were carried out by Garden staff in setting up gardens at hospitals and three specialized workshops were given at the Harry Purdy Extended Care Unit on campus. Last, but not least, the plant collections at the Garden have been used by 120 students from the horticultural programs of three Community Colleges.

FREE PUBLIC LECTURES, COURSES AND SEMINARS

Many faculties, academic departments and institutes offer lectures and seminars which are open to faculty, staff, students, professionals in the field, and to the general public, free of charge. Attendance at these events varies considerably from two to three non-university participants to several hundred in the larger public lecture series. The lecturers are UBC faculty or visiting professors.

It is very difficult, if not impossible, to have a record of literally hundreds of lectures and seminars held during the course of an academic year, and of the number of non-university participants. This report can only attempt to highlight the major public lecture series and to offer examples of other activities in this area which have attracted professionals and members of the general public. There can be no doubt, however, that these events constitute another important service rendered by the University to the community.

The Cecil H. and Ida Green Visiting Professor Lectures

A fund established by Cecil H. and Ida Green enables the University to bring to the campus outstanding scholars and researchers from Canada and abroad. In addition to being available for consultation and informal seminars for the university community, the visiting professors give two or more free public lectures. The following were the visiting professors in 1982-83:

Sir Rex Richards, Vice-Chancellor and Professor of Chemistry at the University of Oxford, one of the world's outstanding physical chemists; Dr. Lewis Thomas, Chief Executive Officer of the Memorial Sloan-Kettering Cancer Center in New York, widely regarded for his ability to synthesize current trends in medical and scientific fields; Dr. Norman Daniel, distinguished scholar of medieval Islamic studies; Dr. Brian Skinner, Professor of Geology and Geophysics at Yale University, known internationally for his work in the areas of mineral resource economics and earth science; Dr. J. David Singer, Professor at The University of Michigan, considered as the world's leading authority on the causes of major international wars; and Dutch soprano Elly Ameling, internationally acclaimed for her interpretation of many musical forms. Ivan Klima, a native of Prague, one of the outstanding writers of contemporary Czechoslovakia, was unable to be present but his paper on Franz Kafka was read to the audience by Dr. M. Goetz.

These outstanding visitors to the University gave a total of 18 public lectures and one recital, which attracted audiences in excess of 4,500 people.

Computing Centre Non-Credit Courses

As in previous years, the Computing Centre offered three series of short non-credit courses on the use of its facilities. Thirty-one courses were offered this year. Total enrolment in these free courses was 1,970. The courses are primarily directed towards UBC faculty, graduate students and staff, but are open to the public and attract a good number of off-campus participants.

Institute of Applied Mathematics and Statistics

The Institute organized in 1982-83 again the "Applied Mathematics Seminar", with 24 sessions this year, and the "Statistics Workshop", with 31 sessions. The 55

scheduled sessions of the seminar and the workshop attracted faculty, students and members of the professions and the general public. The Institute also publishes the "I.A.M.S. Technical Reports" series, which had 16 titles in 1982-83.

Other Selected Activities

The following are examples of conferences, seminars, short courses, public lectures and other events organized by UBC academic departments and open to the public.

The Asian Centre continued to serve as an ideal setting for many lectures, seminars, exhibits, recitals and performances organized by UBC academic departments and student clubs as well as off-campus groups.

The Institute of Asian Research sponsored a number of single public lectures as well as 9 "Ohira Commemorative Program Lectures". Three seminar series were organized this year: "Canada and the Changing Economy of the Pacific Basin", with 21 sessions; "Ohira Commemorative Research Seminars", with 5 sessions; and "China Seminar Series", with 6 sessions. A "Workshop on Industrial Cooperation in Developing Countries" co-sponsored with the Canadian International Development Agency, was held in February 1983. Four film series, "Glimpses of the Japanese", "Meaning and Identity", "Recreation/Re-creation" and "All in the Family" were sponsored by the Institute in 1982-83.

The Department of Classics continued its co-sponsorship of the meetings of the Vancouver Society of the Archeological Institute of America, which meets in the UBC Museum of Anthropology. The meeting program is coordinated by Professor J. Russell of the Classics Department.

The theme of the annual Medieval Workshop this year was "The Mozarabs, and the Interaction of Christians, Muslims and Jews in Medieval Spain". This workshop, in 1982-83 the twelfth, is organized by the UBC Committee for Medieval Studies. The Departments of Hispanic and Italian Studies, History and French, were involved in this year's workshop.

The Department of Economics continued with the annual E.S. Woodward Lecture Series. Two lectures, "Why is Productivity not Increasing?" and "Whither the World Economy?", were given by Professor Lester G. Thurow of MIT in January and two lectures, "Preliminary Skirmishes and a Costly Victory" and "Conflicting Interpretations of the 1980-82 Campaign: A Temporary Rearguard Success or a Great and Lasting Victory?" in March were given by Professor Richard G. Lipsey of Queen's University.

In March 1983, the Departments of English, French, Hispanic and Italian Studies, and the Program in Comparative Literature jointly offered a five-day symposium "Literacy Criticism and its Cultural Implications".

The Centre for Studies in Nineteenth-Century Music sponsored, in November 1982, a series of lectures by Professor Jean Jacques Nattiez of the University of Montreal dealing with Inuit music, a recent production of Wagner's "Ring" at Bayreuth West Germany and musical semiology. The lectures were well advertised in the Vancouver media and were well attended. The lecture on Inuit music was presented in collaboration with the Museum of Anthropology.

The Institute of International Relations in cooperation with the Institute for Research on Public Policy organized and sponsored the "Canada and International

Trade Conference" held on campus in June 1983. The conference attracted 110 participants from business and industry, government and the universities.

The Faculty of Science, through the Departments of Astronomy/Geophysics, Botany, Chemistry, Computer Sciences, Geological Sciences, Mathematics, Microbiology, Oceanography, Physics and Zoology, organized in excess of 200 lectures and other events open to the public. The Department of Mathematics sponsored two "Probability Conferences", in September 1982 and in April 1983. Chemistry Department organized a "Symposium on Analytical Techniques in Industrial and Academic Science" in September 1982.

The Faculty of Forestry continued its series of open seminars inaugurated in 1981-82. The weekly seminars on forest management and research topics are given by members of faculty, post-doctorals, practicing foresters, and scientists from other forestry teaching and research agencies.

The Faculty of Law in cooperation with the Continuing Legal Education Society sponsored two professional development programs, "Income Tax" and "Trial Advocacy". Eighteen faculty members were involved in 22 of the programs offered by the Continuing Legal Education Society. Three members of the Faculty of Law, Professors D.J. MacDougall, M.A. Hickling and B.F. Ralph have served as Directors of the CLE Society of B.C.

In addition to professional development programs for librarians co-sponsored in 1982-83 by the School of Librarianship, the Centre for Continuing Education and the B.C. Library Association, the School of Librarianship offered four public lectures, "The Research Libraries Group and the Research Libraries Information Network" by Patricia Battin of Columbia University; "The Future of Communications and the Information Professional" by J. Wilfrid Lancaster of University of Illinois; "The Impact of Technology and Economics on Document Publication and Supply" by Maurice B. Line of The British Library Lending Division; and "Conservation and Preservation at The British Library and in the United Kingdom" by Alexander Wilson of The British Library Reference Division.

The Centre for Transportation Studies sponsored a seminar on "More Rail Deregulation", attended by some 80 executives from the transportation industry.

The Department of Germanic Studies held in March 1983 an international "Kafka Symposium" to mark the 100th anniversary of Kafka's birth. Visiting lecturers came from Germany, Austria, Great Britain, Israel and Canada. There were two film evenings and a performance was given by a member of the Theatre Department. There were 50-120 participants during the daytime events while the film showings attracted audiences of some 200 people.

DEMONSTRATIONS, SCIENTIFIC EXHIBITS AND PUBLIC INFORMATION SERVICE

Several faculties and departments provided demonstrations and scientific exhibits for the public and also offered public information services on a large scale. The Department of Physics arranged radio telescope tours and tours of the TRIUMF facilities. The UBC Research Forest described below is another important demonstration facility, as is The Botanical Garden described in detail elsewhere in the report and featured again below in some of its functions. Many academic departments participated in the Discovery Fair in Robson Square Media Centre as well as in programs of the B.C. Arts, Science and Technology Centre in Vancouver.

UBC Open House

Students in the Faculties of Dentistry, Medicine and Pharmaceutical Sciences, and in the Schools of Home Economics, Nursing, Physical Education and Recreation, and Rehabilitation Medicine, hosted this year's UBC Open House on March 11-13. The lectures, displays and demonstrations were aimed at showing to prospective students, their parents and the general public, the University's work in the areas of the Health Sciences.

On May 5-7 the University presented a mini-Open House in Cranbrook. This exhibit, organized by the UBC Alumni Association, was designed to keep the people in the region informed about programs and research activities at UBC. Among the many faculties and departments participating was the Hortline, the plant and disease advisory service of the Faculty of Agricultural Sciences, an extensive interactive exhibit on high quality silage production of the Department of Animal Science, and a display illustrating the use of remote sensing in pre-visual detection of insect infestations and application to wildlife management of the Faculty of Forestry.

UBC Research Forest

The 5,157 hectare forest, established in 1949 and managed by the Faculty of Forestry provides optimal environment for research, education and demonstration in all aspects of the forest sciences.

A part of the UBC Research Forest is designated to serve as a Demonstration Forest for the use of schools and the general public in order to demonstrate forest management practices. Brochures are provided for self-guided tours, while guides are available to groups of 20 or more. In addition, staff is involved in an Outdoor Education Program for Schools, which includes a number of workshops for counsellors and teachers who accompany school groups using the UBC Forest. During 1982-83 Outdoor Education day visits accounted for 1,716 visitors, Outdoor Education residential visits accommodated 1,419 people, and 2,309 individuals participated in public tours.

Faculty of Agricultural Sciences: Information Services and Tours

In addition to providing popular exhibits during the UBC mini-Open House in Cranbrook, the Faculty cooperated with The Botanical Garden in staffing the Hortline telephone advisory service. Tours of the Dairy Cattle Teaching and Research Unit were provided on a regular basis during the summer and by arrangement throughout

the rest of the year; some 3,000 people, many of them school children, participated in these tours.

Geophysics and Astronomy Displays and Tours

The Department of Geophysics and Astronomy arranged tours of the seismograph station and of the 40 cm telescope observatory; these tours accommodated some 2,500 participants. The scheduled public observatory programs held in the evenings served 600 participants; additional 300 people were accommodated on special evenings.

The Botanical Garden

The wide-ranging activities of The Botanical Garden are described in detail elsewhere in the report. Only the major demonstration projects and public information services will be restated here. The Botanical Garden provides important annual demonstration shows at the Vancouver Home and Garden Show and at the Pacific National Exhibition. In cooperation with the Faculty of Agricultural Sciences The Botanical Garden also operates the advisory service, Hort-line.

Annual Discovery Fair

UBC departments participated in the annual October Discovery Fair in Robson Square. Departments of Chemistry, Chemical Engineering and the Faculty of Forestry collaborated this year in mounting a display illustrating the application of pheromone research to the control of ambrosia beetles in the B.C. forest industry; the Departments of Food Science and Bio-Resource Engineering in the Faculty of Agricultural Sciences featured research leading to the development of a new food ingredient used in a "complete nutrition breakfast drink".

Media Appearances

Many UBC departments and individual faculty members are involved in utilizing the media to disseminate results of their research and to inform the general public. The extensive involvement of The Botanical Garden staff on television, radio and in the newspapers have been documented in these reports for several years. Recently, the UBC Faculty Association established a Media Relations Committee which initiated a wide-ranging set of activities designed to publicize faculty research. It can be expected that as a result activity in this area will be spurred on in the coming year.

PUBLIC CONCERTS, THEATRE PERFORMANCES AND ART EXHIBITS

The University of British Columbia contributes to the cultural life of the Lower Mainland and beyond through an increasing number of public concerts, theatre performances and art exhibits. The comprehensive activities of the Museum of Anthropology in this area were outlined earlier in this report. Listed here are primarily the activities of the Department of Music, Department of Theatre, the Fine Arts Gallery, and the Institute of Asian Research.

Department of Music, Public Concerts

The Department of Music offers an extensive varied program of public concerts and recitals, both on and off campus. During 1982-83 the Department presented 42 faculty concerts, 102 student recitals and 33 ensemble concerts on campus attended by members of the university community as well as by the general public.

The Department of Music again hosted distinguished artists who gave public concerts. Among these were appearances by Catherine Robbin, Canadian mezzo-soprano; Isabelle Chapuis, French flutist; Robert Taub, pianist; the Pro Arte Quartet; the Banff School of Fine Arts' students; Mary Cyre, viola da gamba player, Jeffrey Siegel, American pianist; Josep Henriquez, guitarist; Elly Ameling, Dutch soprano; and the Purcell String Quartet.

The distinguished pianist from Budapest, Annie Fisher, made her Vancouver debut in October 1982 with a program of Mozart, Beethoven, Schumann and Chopin (this concert was co-sponsored by the Vancouver Recital Society). Also in October, the renowned pianist Charles Rosen gave a lecture on early Beethoven and offered master classes.

Once again, the UBC Symphony Orchestra joined the Vancouver Youth Symphony Orchestra in an intensive workshop in November, culminating in a public concert under the distinguished guest conductor Maestro Kazuyoshi Akiyama.

The Vancouver Society for Early Music and the Department of Music collaborated again to present the eighth annual "Vancouver Early Music Program" one of the major summer early music courses and festivals on this continent. The "Advanced Level Courses" (July 18-30) involved five faculty members of international renown: tenor Nigel Rogers and baroque violinist Monica Huggett from England, baroque flutist Janet See and viola da gambist Sarah Cunningham from the United States, and the Belgian harpsichordist, Robert Kohnen. The faculty of the "Early Music and Dance Workshop" (August 15-20) included well known musicians from Vancouver and other centres on the continent: Alison Mackay and David Klausner (Toronto), Ross Duffin (Cleveland), Philip Dickey (Seattle), Michel Gervais (Edmonton), and Peter Hannan, Dan LeBranche, Nan Mackie, Ray Nurse, Doreen Oke, Karen Rustad, and John Sawyer (Vancouver). Occurring simultaneously with the workshops was the Vancouver Early Music Festival, a series of six concerts, ranging from medieval to baroque music, and involving the workshop faculties and distinguished guest groups and artists: London's Trio Sonnerie, Vancouver's Hortulani Musicae, and Montreal organist Bernard Lagacé.

Department of Theatre, Public Productions

Some 22,000 persons (students, faculty, staff and the general public) took advantage of the theatre productions sponsored by the Theatre Department. During

1982-83 the following plays were presented:

Frederic Wood Theatre

ENTERTAINING MR. SLOANE by Joe Orton
(September 22-October 2)

THE TROJAN WOMEN by Euripides
(November 17-27)

SIX CHARACTERS IN SEARCH OF AN AUTHOR by Luigi Pirandello
(January 12-22)

THE TICKET-OF-LEAVE MAN by Tom Taylor
(March 2-12)

M.F.A. Thesis Productions

THE DEVILS by John Whiting
(November 8-13)

TOTAL ECLIPSE by Christopher Hampton
(December 9-11)

HEDDA GABLER by Henrik Ibsen
(February 21-26)

SNOWBIRD and FLORENCE, 1478 two plays by John Gray
(March 21-23)

B.F.A. Workshop Productions

THE GREAT NEBULA IN ORION by Lanford Wilson
(January 19-21)

AGNES OF GOD by John Pielmeier
(March 14-16)

Stage Campus '83

MARAT/SADE by Peter Weiss
(June 15-July 2)

THE MEMORANDUM by Vaclav Havel
(July 6-23)

Other Theatre Performances

The Department of Creative Writing presented "Sideshow", a performance of original skits and songs written by student playwrights and song writers.

The Musical Theatre Society, MUSSOC, presented GUYS AND DOLLS by Frank Loesser. This production involved students from both the Theatre and Music Departments.

DYLAN BACH, written and performed by Leon Pownall, was presented in the Frederic Wood Theatre by the Theatre Students Association as a benefit for the Stephen Woodhouse Scholarship Fund.

The Opera Workshop presented THE MERRY WIVES OF WINDSOR, with an attendance of 570 in the spring of 1983.

The Classics Club presented three very successful performances of Sophocles' OEDIPUS THE KING, performed in ancient Greek, in February.

UBC Fine Arts Gallery

The UBC Fine Arts Gallery presented six exhibits to the public during 1982-83:

September 14 - October 23	Imperial Elevation: A Quest for Proximity
November 2 - December 18	Canadian Drawings from the Art Gallery of Greater Victoria
January 4 - February 24	Selections from Red Deer Permanent Collection
March 8 - April 9	The Drawings of Lawren S. Harris
April 12-30	Idea Into Form: A Look at the Work of Five Architects
May 30 - August 26	The Stones of Matera

Asian Art Exhibits

The following art exhibits were held in the Asian Centre during 1982-83:

September 8-12	Ta-Tung David Hui: Traditional Oriental Themes
November 17-21	Dat Han (Tom) Dam: Chinese Landscapes
December 6-12	Ruby Kum: Impression of the External Reality, Expression of the Inner Reality
January 30	Spring Display of Asian Ceramics opened in the Asian Centre foyer
February 26 - March 5	Treasures of China: An Exhibition of Historical Art and Culture
March 18 - April 5	Gary Chapman: Portraits of Yang Family Village
July 7-17	Rhythm of the Brush: An Exhibition of Chinese Calligraphy
July 25 - August 10	Asian Christian Art (in conjunction with World Council of Churches)
August 12-21	Chan Che-kin: Chinese Life and Landscapes

MEETINGS OF LEARNED AND PROFESSIONAL SOCIETIES

The attractive UBC campus serves each year as the location for a number of international, North American, national and regional meetings of learned and professional societies. Many of these meetings, which among others satisfy the continuing education and professional development needs of their members, involve numbers of UBC faculty on planning committees and as resource people. Several of these meetings each year are officially co-sponsored by departments or faculties of the University. This category of the report attempts to outline examples of meetings of learned and professional societies which officially involved UBC units in 1982-83.

The University of British Columbia hosted in June 1983 the meetings of the Learned Societies. This was the major event in this category during 1982-83 and involved the energies of most of the faculties, schools and departments. The last time the annual national meetings of the Learned Societies were held at UBC was in 1965. In 1982 these meetings were held at the University of Ottawa and in 1984 the Learned Societies will meet at the University of Guelph. The meetings of 70 societies, with emphasis on the Humanities and Social Sciences, were held during May 29 to June 8 and attracted some 5,500 participants. All the meetings were held on UBC campus and most of the participants also were housed in UBC student residences.

The other major event was the International Anthropological Congress held at UBC in August. Some 1,600 delegates from around the world attended the scientific sessions; a number of these sessions were open to the general public. Three plenary sessions also were open to the public and attracted some 200 non-delegates each. The daily film festival held at Robson Square as part of the Congress attracted audiences of 700-800.

PROVINCE-WIDE CONTINUING EDUCATION SERVICES

As in the past years, UBC faculties, schools and departments provided continuing education to non-metropolitan areas in 1982-83. This important activity occurred in credit courses as well as in non-credit continuing education, and much of it was aided by the provision of specially designated funds for non-metropolitan programs from the Universities Council of B.C.

The Faculty of Education continued to offer an extensive province-wide program with a total of 46 undergraduate courses offered in 23 off-campus locations to a total of 613 students, as well as two courses televised via the Knowledge Network to 57 locations, serving 295 students. In addition, and for the first time, six graduate courses were offered in three off-campus locations for 29 students; off-campus graduate courses will be offered in the fall of 1983 in five locations throughout B.C. The Faculty of Agricultural Sciences expanded its credit program to Kelowna, in addition to also serving again Kamloops, Prince George and Williams Lake; the seven courses offered in 1982-83 attracted 49 credit and 15 Dean's Special Audit students. Distance education credit courses serving all parts of the province through Guided Independent Study increased slightly to serve 1,478 students.

A number of faculties and departments contributed to the expansion of non-credit professional and general continuing programs to many communities throughout B.C.

The Faculty of Agricultural Sciences continued to expand its non-credit program. Twenty-seven programs on all aspects of agriculture were offered in 12 locations outside of metropolitan Vancouver, serving altogether 967 participants. In addition, a "Financial Management Training Workshop" was offered in 42 locations to a total of 600 participants.

The Division of Continuing Education in the Health Sciences continued to serve health professionals in a number of ways. Continuing Education in Dentistry, Medicine and Nursing, utilized the facilities of the Knowledge Network to deliver eight professional development courses to dentists, with 523 registrations; two in medicine, with 172 registrations; and two for nursing, with 130 registrations. Continuing Education in Nutrition and Dietetics, in cooperation with Continuing Pharmacy Education, experimented with audio telephone conferencing transmitted to eight receiving sites, to a total of 63 pharmacists and dietitian-nutritionists. Dentistry, Nursing and Pharmacy continued the extensive independent study program. Continuing Medical Education offered for a second year the innovative community hospitals program, placed into 17 communities and serving 269 participants. The regional coordinators, utilized by Dentistry, Nutrition and Dietitics, and Pharmacy, continued to be of significant assistance in offering continuing education programs throughout the province; there are now a total of 62 regional coordinators active in UBC health sciences continuing education. All in all, the Division of Continuing Education in the Health Sciences, offered 172 off-campus courses and events, serving 4,841 registrants.

The Faculty of Commerce and Business Administration, through its Executive Programs, offered again this year a considerable continuing education program reaching many individuals throughout the province, especially by means of correspondence study in the Diploma, Certificate and Real Estate Programs.

The Faculty of Education, in addition to its considerable effort in the provision of undergraduate and in this year also graduate credit courses, also continued with

its significant contribution to professional development in the field. This program served 3,270 participants.

The province-wide programs of the Faculty of Forestry and the Faculty of Applied Science suffered considerably under the adverse economic conditions in B.C. The Faculty of Forestry had to suspend temporarily all professional development courses due to lack of industry funds for this activity.

The Centre for Continuing Education carried on in its efforts to bring non-credit general and professional continuing education programs to locations outside the Lower Mainland. The UBC Interior Program, based on Vernon, faced the economic challenge by staffing local programs with a mixture of UBC faculty and locally available experts; the program offered 33 courses and other events, attracting altogether 1,168 people. John Edwards, Director of the program also was the originator of a successful innovative idea, "Celebrating Summer '83" in Vernon, bringing together all local educational institutions and many community groups, offering over 60 educational, cultural and recreational events. The Instructor's Diploma Program continued to offer courses for vocational instructors, located in most of the 14 college regions. Urban Planning Programs were successful in meeting the challenge of drastic reduction in registrations in Vancouver by offering successful courses in Campbell River, Kelowna, Nanaimo, Prince George and Terrace, thus easing the burden on travel funds for potential participants; some 20 courses will be offered in the fall of 1983 in non-metropolitan areas. Due to the economic situation in the province, the Centre was able to offer only one off-campus program for architects. Retirement Planning courses were conducted this year in several smaller towns where small companies do not have the resources to organize in-company programs for their employees.

Through this ongoing delivery of continuing education to many parts of the province, The University of British Columbia demonstrates its commitment to the province-wide mandate bestowed upon it by the Universities Act.

UBC SPEAKERS BUREAU

The UBC Speakers Bureau began in 1975 as the University's response to increasing requests from community groups for guest speakers at their meetings. Staffed by the UBC Alumni Association, the Bureau publishes and distributes a listing of the topics submitted by UBC faculty and staff volunteers; provides information to the requesting community groups on the broad range of topics available; acts as a booking service by filling requests received for speaking engagements; and maintains records of engagements arranged throughout the year.

For the 1982-83 operating year, the Bureau's budget was reduced, thus initiating a number of changes to the program. Staffing was reduced to one, half-time person and the hours of operation from 9:00 a.m. to noon, Monday to Friday. The catalogue of topics became too costly to produce, therefore a glossy poster was printed which outlined the topics for the coming year. Distribution of the poster remained at 3,500 copies to various community groups, libraries and schools throughout the province.

Two hundred and ninety-three volunteers agreed to share their expertise on over 850 topics. These topics were printed on the poster which was distributed in September. As a result, the Bureau handled over 400 requests for speakers; filling more than 300 engagements to an overall audience of more than 6,000. In addition, four engagements were arranged for speakers to travel to communities beyond the Greater Vancouver Regional District.

The types of groups requiring the Speakers Bureau services and a comparison by percentage of their use, is as follows: senior citizens groups (33%), community centres (18%), service clubs (35%), and schools (14%). Numerous comments were received from these groups, praising the work done for them by the Bureau, as well as the quality of our speakers.

THE UNIVERSITY OF BRITISH COLUMBIA

STATISTICAL SUMMARY OF PARTICIPATION IN CONTINUING EDUCATION PROGRAMS 1982-83

	Credit Enrolment	Non-Credit Enrolment
Extra-Sessional Credit Programs	11,036	12
Centre for Continuing Education (including Guided Independent Study)	1,478	42,193
Division of Continuing Education in the Health Sciences		14,079
Professional Programs of the Faculty of Commerce and Business Administration		8,416
Professional Continuing Education Program of the School of Social Work		1,001
Professional Continuing Education Program of the Faculty of Agricultural Sciences	49	1,839
Professional Continuing Education Program of the Faculty of Education	1,259	3,270
School of Physical Education and Recreation Community Sports Services (Adult Program)		1,360
	13,822	72,170

TOTAL PARTICIPATION IN CONTINUING EDUCATION PROGRAMS CREDIT AND NON-CREDIT 85,992